



Recombinant Human Myosin light chain 1/3, skeletal muscle isoform (MYL1)

Product Code CSB-EP015305HU Relevance Regulatory light chain of myosin. Does not bind calcium. Abbreviation Recombinant Human MYL1 protein Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. Uniprot No. P05976 Alias Myosin light chain alkali 1/2 Product Type Recombinant Protein Immunogen Species Homo sapiens (Human) Purity Greater than 90% as determined by SDS-PAGE. Sequence MSFSADQIAEFKEAFLLFDRTGDSKITLSQVGDVLRALGTNPTNAEVRKVLGNP SNEELNAKKIEFEQFLPMMQAISNNKDQATYEDFVEGLRVFDKEGNGTVMGA ELRHVLATLGEKMKEEEVEALMAGQEDSNGCINYEAFVKHIMSI Research Area Signal Transduction Source E.coli Target Names MYL1 Protein Names Recommended name: Myosin light chain 1/3, skeletal muscle isoform Short name= MLC1/MLC3 Short name= MLC1/F/MLC3FAlternative name(s): Myosin light chain alkali 1/2 Short name= Myosin light chain A1/A2 Expression Region 1-150aa Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. Tag		
Abbreviation Recombinant Human MYL1 protein Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. Uniprot No. P05976 Alias Myosin light chain alkali 1/2 Product Type Recombinant Protein Immunogen Species Homo sapiens (Human) Purity Greater than 90% as determined by SDS-PAGE. Sequence MSFSADQIAEFKEAFLLFDRTGDSKITLSQVGDVLRALGTNPTNAEVRKVLGNP SNEELNAKKIEFEQFLPMMQAISNNKDQATYEDFVEGLRVFDKEGNGTVMGA ELRHVLATLGEKMKEEEVEALMAGQEDSNGCINYEAFVKHIMSI Research Area Signal Transduction Source E.coli Target Names MYL1 Protein Names Recommended name: Myosin light chain 1/3, skeletal muscle isoform Short name= MLC1/MLC3 Short name= MLC1F/MLC3FAlternative name(s): Myosin light chain alkali 1/2 Short name= Myosin light chain A1/A2 Expression Region 1-150aa Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. Tag Info N-terminal GST-tagged Mol. Weight 43.7kDa Protein Length Full Length of Isoform MLC3	Product Code	CSB-EP015305HU
Storage The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. Uniprot No. P05976 Alias Myosin light chain alkali 1/2 Product Type Recombinant Protein Immunogen Species Homo sapiens (Human) Purity Greater than 90% as determined by SDS-PAGE. Sequence MSFSADQIAEFKEAFLLFDRTGDSKITLSQVGDVLRALGTNPTNAEVRKVLGNP SNEELNAKKIEFEQFLPMMQAISNNKDQATYEDFVEGLRVFDKEGNGTVMGA ELRHVLATLGEKMKEEEVEALMAGQEDSNGCINYEAFVKHIMSI Research Area Signal Transduction Source E.coli Target Names MYL1 Protein Names Recommended name: Myosin light chain 1/3, skeletal muscle isoform Short name= MLC1/MLC3 Short name= MLC1F/MLC3FAlternative name(s): Myosin light chain alkali 1/2 Short name= Myosin light chain A1/A2 Expression Region 1-150aa Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. Tag Info N-terminal GST-tagged Mol. Weight Full Length of Isoform MLC3	Relevance	Regulatory light chain of myosin. Does not bind calcium.
storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C. Uniprot No. P05976 Alias Myosin light chain alkali 1/2 Product Type Recombinant Protein Immunogen Species Homo sapiens (Human) Purity Greater than 90% as determined by SDS-PAGE. Sequence MSFSADQIAEFKEAFLLFDRTGDSKITLSQVGDVLRALGTNPTNAEVRKVLGNP SNEELNAKKIEFEQFLPMMQAISNNKDQATYEDFVEGLRVFDKEGNGTVMGA ELRHVLATLGEKMKEEEVEALMAGQEDSNGCINYEAFVKHIMSI Research Area Signal Transduction Source E.coli Target Names MYL1 Protein Names Recommended name: Myosin light chain 1/3, skeletal muscle isoform Short name= MLC1/MLC3 Short name= MLC1F/MLC3FAlternative name(s): Myosin light chain alkali 1/2 Short name= MLC1F/MLC3FAlternative name(s): Myosin light chain alkali 1/2 Short name= Myosin light chain A1/A2 Expression Region 1-150aa Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. Tag Info N-terminal GST-tagged Mol. Weight 43.7kDa Protein Length Full Length of Isoform MLC3	Abbreviation	Recombinant Human MYL1 protein
Alias Myosin light chain alkali 1/2 Product Type Recombinant Protein Immunogen Species Homo sapiens (Human) Purity Greater than 90% as determined by SDS-PAGE. Sequence MSFSADQIAEFKEAFLLFDRTGDSKITLSQVGDVLRALGTNPTNAEVRKVLGNP SNEELNAKKIEFEQFLPMMQAISNNKDQATYEDFVEGLRVFDKEGNGTVMGA ELRHVLATLGEKMKEEEVEALMAGQEDSNGCINYEAFVKHIMSI Research Area Signal Transduction Source E.coli Target Names MYL1 Protein Names Recommended name: Myosin light chain 1/3, skeletal muscle isoform Short name= MLC1/MLC3 Short name= MLC1F/MLC3FAlternative name(s): Myosin light chain alkali 1/2 Short name= Myosin light chain A1/A2 Expression Region 1-150aa Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. Tag Info N-terminal GST-tagged Mol. Weight 43.7kDa Protein Length Full Length of Isoform MLC3	Storage	storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12
Product Type Recombinant Protein Immunogen Species Homo sapiens (Human) Purity Greater than 90% as determined by SDS-PAGE. Sequence MSFSADQIAEFKEAFLLFDRTGDSKITLSQVGDVLRALGTNPTNAEVRKVLGNP SNEELNAKKIEFEQFLPMMQAISNNKDQATYEDFVEGLRVFDKEGNGTVMGA ELRHVLATLGEKMKEEEVEALMAGQEDSNGCINYEAFVKHIMSI Research Area Signal Transduction Source E.coli Target Names MYL1 Protein Names Recommended name: Myosin light chain 1/3, skeletal muscle isoform Short name= MLC1/MLC3 Short name= MLC1F/MLC3FAlternative name(s): Myosin light chain alkali 1/2 Short name= Myosin light chain A1/A2 Expression Region 1-150aa Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. Tag Info N-terminal GST-tagged Mol. Weight 43.7kDa Protein Length Full Length of Isoform MLC3	Uniprot No.	P05976
Immunogen Species Homo sapiens (Human) Purity Greater than 90% as determined by SDS-PAGE. Sequence MSFSADQIAEFKEAFLLFDRTGDSKITLSQVGDVLRALGTNPTNAEVRKVLGNP SNEELNAKKIEFEQFLPMMQAISNNKDQATYEDFVEGLRVFDKEGNGTVMGA ELRHVLATLGEKMKEEEVEALMAGQEDSNGCINYEAFVKHIMSI Research Area Signal Transduction Source E. coli Target Names MYL1 Protein Names Recommended name: Myosin light chain 1/3, skeletal muscle isoform Short name= MLC1/MLC3 Short name= MLC1F/MLC3FAlternative name(s): Myosin light chain alkali 1/2 Short name= Myosin light chain A1/A2 Expression Region 1-150aa Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. Tag Info N-terminal GST-tagged Mol. Weight 43.7kDa Protein Length Full Length of Isoform MLC3	Alias	Myosin light chain alkali 1/2
Purity Greater than 90% as determined by SDS-PAGE. Sequence MSFSADQIAEFKEAFLLFDRTGDSKITLSQVGDVLRALGTNPTNAEVRKVLGNP SNEELNAKKIEFEQFLPMMQAISNNKDQATYEDFVEGLRVFDKEGNGTVMGA ELRHVLATLGEKMKEEEVEALMAGQEDSNGCINYEAFVKHIMSI Research Area Signal Transduction Source E.coli Target Names MYL1 Protein Names Recommended name: Myosin light chain 1/3, skeletal muscle isoform Short name= MLC1/MLC3 Short name= MLC1F/MLC3FAlternative name(s): Myosin light chain alkali 1/2 Short name= Myosin light chain A1/A2 Expression Region 1-150aa Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. Tag Info N-terminal GST-tagged Mol. Weight 43.7kDa Protein Length Full Length of Isoform MLC3	Product Type	Recombinant Protein
Sequence MSFSADQIAEFKEAFLLFDRTGDSKITLSQVGDVLRALGTNPTNAEVRKVLGNP SNEELNAKKIEFEQFLPMMQAISNNKDQATYEDFVEGLRVFDKEGNGTVMGA ELRHVLATLGEKMKEEEVEALMAGQEDSNGCINYEAFVKHIMSI Research Area Signal Transduction Source E.coli Target Names MYL1 Protein Names Recommended name: Myosin light chain 1/3, skeletal muscle isoform Short name= MLC1/MLC3 Short name= MLC1F/MLC3FAlternative name(s): Myosin light chain alkali 1/2 Short name= Myosin light chain A1/A2 Expression Region 1-150aa Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. Tag Info N-terminal GST-tagged Mol. Weight 43.7kDa Protein Length Full Length of Isoform MLC3	Immunogen Species	Homo sapiens (Human)
SNEELNAKKIEFEQFLPMMQAISNNKDQATYEDFVEGLRVFDKEGNGTVMGA ELRHVLATLGEKMKEEEVEALMAGQEDSNGCINYEAFVKHIMSI Research Area Signal Transduction Source E.coli Target Names MYL1 Protein Names Recommended name: Myosin light chain 1/3, skeletal muscle isoform Short name= MLC1/MLC3 Short name= MLC1F/MLC3FAlternative name(s): Myosin light chain alkali 1/2 Short name= Myosin light chain A1/A2 Expression Region 1-150aa Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. Tag Info N-terminal GST-tagged Mol. Weight 43.7kDa Protein Length Full Length of Isoform MLC3	Purity	Greater than 90% as determined by SDS-PAGE.
Source E.coli Target Names MYL1 Protein Names Recommended name: Myosin light chain 1/3, skeletal muscle isoform Short name= MLC1/MLC3 Short name= MLC1F/MLC3FAlternative name(s): Myosin light chain alkali 1/2 Short name= Myosin light chain A1/A2 Expression Region 1-150aa Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. Tag Info N-terminal GST-tagged Mol. Weight 43.7kDa Protein Length Full Length of Isoform MLC3	Sequence	SNEELNAKKIEFEQFLPMMQAISNNKDQATYEDFVEGLRVFDKEGNGTVMGA
Target Names MYL1 Protein Names Recommended name: Myosin light chain 1/3, skeletal muscle isoform Short name= MLC1/MLC3 Short name= MLC1F/MLC3FAlternative name(s): Myosin light chain alkali 1/2 Short name= Myosin light chain A1/A2 Expression Region 1-150aa Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. Tag Info N-terminal GST-tagged Mol. Weight 43.7kDa Protein Length Full Length of Isoform MLC3	Research Area	Signal Transduction
Protein Names Recommended name: Myosin light chain 1/3, skeletal muscle isoform Short name= MLC1/MLC3 Short name= MLC1F/MLC3FAlternative name(s): Myosin light chain alkali 1/2 Short name= Myosin light chain A1/A2 Expression Region 1-150aa Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. Tag Info N-terminal GST-tagged Mol. Weight 43.7kDa Protein Length Full Length of Isoform MLC3	Source	E.coli
name= MLC1/MLC3 Short name= MLC1F/MLC3FAlternative name(s): Myosin light chain alkali 1/2 Short name= Myosin light chain A1/A2 Expression Region 1-150aa Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. Tag Info N-terminal GST-tagged Mol. Weight 43.7kDa Protein Length Full Length of Isoform MLC3	Target Names	MYL1
Notes Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. Tag Info N-terminal GST-tagged Mol. Weight 43.7kDa Protein Length Full Length of Isoform MLC3	Protein Names	name= MLC1/MLC3 Short name= MLC1F/MLC3FAlternative name(s): Myosin
4°C for up to one week. Tag Info N-terminal GST-tagged Mol. Weight 43.7kDa Protein Length Full Length of Isoform MLC3	Expression Region	1-150aa
Mol. Weight 43.7kDa Protein Length Full Length of Isoform MLC3	Notes	
Protein Length Full Length of Isoform MLC3	Tag Info	N-terminal GST-tagged
	Mol. Weight	43.7kDa
Image	Protein Length	Full Length of Isoform MLC3
	Image	



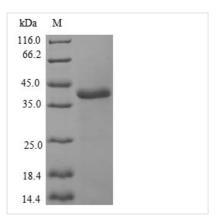
CUSABIO TECHNOLOGY LLC

Tel: +1-301-363-4651

☑ Email: cusabio@cusabio.com
⑤ Website: www.cusabio.com







(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

Reconstitution

We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL.We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

Shelf Life

The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.