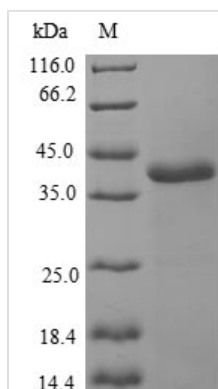




Recombinant Human Myosin light chain 1/3, skeletal muscle isoform (MYL1)

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 ELRHVLATLGEKMKEEEEVEALMAGQEDSNGCINYEAFVKHIMSI
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/MLC3F Alternative 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
Image	



(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

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