





Recombinant Human Proteasome subunit beta type-10 (PSMB10)

Product Code CSB-EP018877HU Relevance The proteasome is a multicatalytic proteinase complex which is characterized by its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. The proteasome has an ATP-dependent proteolytic activity. This subunit is involved in antigen processing to generate class I binding peptides. Abbreviation Recombinant Human PSMB10 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. P40306 Alias Low molecular mass protein 10 Macropain subunit MECI-1 Multicatalytic endopeptidase complex subunit MECI-1 Proteasome MECI-1 Proteasome subunit beta-2i Product Type Recombinant Protein Immunogen Species Musch patient of the protein subunit MECI-1 Proteasome MECI-1 Proteasome subunit beta-2i Sequence MLKPALEPRGGFSFENCQRNASLERVLPGLKVPHARKTGTTIAGLVFQDGVIL GADTRATNDSVVADKSCEKIHFIAPKIYCCGAGVAADAEMTTRMVASKMELHA LSTGREPRVATVTRILRQTLFRYQGHVGASLIVGGVDLTGPQLYGVHPHCSYVDLYGAMEVE Research Area Immunology Source E.coli Target Names Recommended name: Proteasome subunit beta type-10 EC= 3.4.25.1Alternative name(s): Low molecular mass protein 10 Macropain subunit MECI-1 Multicatalytic endopep		
its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. The proteasome has an ATP-dependent proteolytic activity. This subunit is involved in antigen processing to generate class I binding peptides. Abbreviation Recombinant Human PSMB10 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	Product Code	CSB-EP018877HU
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. P40306 Alias Low molecular mass protein 10 Macropain subunit MECI-1 Multicatalytic endopeptidase complex subunit MECI-1 Proteasome MECI-1 Proteasome subunit beta-2i Product Type Recombinant Protein Immunogen Species Homo sapiens (Human) Greater than 90% as determined by SDS-PAGE. Sequence MLKPALEPRGGFSFENCQRNASLERVLPGLKVPHARKTGTTIAGLVFQDGVIL GADTRATNDSVVADKSCEKIHFIAPKIYCCGAGVAADAEMTTRMVASKMELHA LSTGREPRVATVTRILRQTLFRYQGHVGASLIVGGVDLTGPQLYGVHPHGSYS RLPFTALGSQDAALAVLEDRFQPNMTLEAAQGLLVEAVTAGILGDLGSGGNV DACVITKTGAKLLRTLSSPTEPVKRSGRYHFVPGTTAVLTQTVKPLTLELVEET VQAMEVE Research Area Immunology Source E.coli Target Names PSMB10 Protein Names Recommended name: Proteasome subunit beta type-10 EC= 3.4.25.1Alternative name(s): Low molecular mass protein 10 Macropain subunit MECI-1 Multicatalytic endopeptidase complex subunit MECI-1 Proteasome MECI-1 Proteasome subunit beta Expression Region 1-273aa 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	Relevance	its ability to cleave peptides with Arg, Phe, Tyr, Leu, and Glu adjacent to the leaving group at neutral or slightly basic pH. The proteasome has an ATP-dependent proteolytic activity. This subunit is involved in antigen processing to
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	Abbreviation	Recombinant Human PSMB10 protein
Alias Low molecular mass protein 10 Macropain subunit MECI-1 Multicatalytic endopeptidase complex subunit MECI-1 Proteasome MECI-1 Proteasome subunit beta-2i Product Type Recombinant Protein Immunogen Species Homo sapiens (Human) Purity Greater than 90% as determined by SDS-PAGE. Sequence MLKPALEPRGGFSFENCQRNASLERVLPGLKVPHARKTGTTIAGLVFQDGVIL GADTRATNDSVVADKSCEKIHFIAPKIYCCGAGVAADAEMTTRMVASKMELHA LSTGREPRVATVTRILRQTLFRYQGHVGASLIVGGVDLTGPQLYGVHPHGSYS RLPFTALGSGQDAALAVLEDRFQPNMTLEAAQGLLVEAVTAGILGDLGSGGNV DACVITKTGAKLLRTLSSPTEPVKRSGRYHFVPGTTAVLTQTVKPLTLELVEET VQAMEVE Research Area Immunology Source E.coli Target Names PSMB10 Protein Names Recommended name: Proteasome subunit beta type-10 EC= 3.4.25.1Alternative name(s): Low molecular mass protein 10 Macropain subunit MECI-1 Multicatalytic endopeptidase complex subunit MECI-1 Proteasome MECI-1 Proteasome subunit beta Expression Region 1-273aa 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	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
endopeptidase complex subunit MECI-1 Proteasome MECI-1 Proteasome subunit beta-2i Product Type Recombinant Protein Immunogen Species Homo sapiens (Human) Purity Greater than 90% as determined by SDS-PAGE. Sequence MLKPALEPRGGFSFENCQRNASLERVLPGLKVPHARKTGTTIAGLVFQDGVIL GADTRATNDSVVADKSCEKIHFIAPKIYCCGAGVAADAEMTTRMVASKMELHA LSTGREPRVATVTRILRQTLFRYQGHVGASLIVGGVDLTGPQLYGVHPHGSYS RLPFTALGSGQDAALAVLEDRFQPNMTLEAAQGLLVEAVTAGILGDLGSGGNV DACVITKTGAKKLRTLSSPTEPVKRSGRYHFVPGTTAVLTQTVKPLTLELVEET VQAMEVE Research Area Immunology Source E.coli Target Names PSMB10 Protein Names Recommended name: Proteasome subunit beta type-10 EC= 3.4.25.1Alternative name(s): Low molecular mass protein 10 Macropain subunit MECI-1 Multicatalytic endopeptidase complex subunit MECI-1 Proteasome MECI-1 Proteasome subunit beta Expression Region 1-273aa 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	Uniprot No.	P40306
Immunogen Species Homo sapiens (Human) Purity Greater than 90% as determined by SDS-PAGE. Sequence MLKPALEPRGGFSFENCQRNASLERVLPGLKVPHARKTGTTIAGLVFQDGVIL GADTRATNDSVVADKSCEKIHFIAPKIYCCGAGVAADAEMTTRMVASKMELHA LSTGREPRVATVTRILRQTLFRYQGHVGASLIVGGVDLTGPQLYGVHPHGSYS RLPFTALGSGQDAALAVLEDRFQPNMTLEAAQGLLVEAVTAGILGDLGSGGNV DACVITKTGAKLLRTLSSPTEPVKRSGRYHFVPGTTAVLTQTVKPLTLELVEET VQAMEVE Research Area Immunology Source E.coli Target Names PSMB10 Protein Names Recommended name: Proteasome subunit beta type-10 EC= 3.4.25.1Alternative name(s): Low molecular mass protein 10 Macropain subunit MECI-1 Multicatalytic endopeptidase complex subunit MECI-1 Proteasome MECI-1 Proteasome subunit beta Expression Region 1-273aa 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	Alias	endopeptidase complex subunit MECI-1 Proteasome MECI-1 Proteasome
Purity Greater than 90% as determined by SDS-PAGE. Sequence MLKPALEPRGGFSFENCQRNASLERVLPGLKVPHARKTGTTIAGLVFQDGVIL GADTRATNDSVVADKSCEKIHFIAPKIYCCGAGVAADAEMTTRMVASKMELHA LSTGREPRVATVTRILRQTLFRYQGHVGASLIVGGVDLTGPQLYGVHPHGSYS RLPFTALGSGQDAALAVLEDRFQPNMTLEAAQGLLVEAVTAGILGDLGSGGNV DACVITKTGAKLLRTLSSPTEPVKRSGRYHFVPGTTAVLTQTVKPLTLELVEET VQAMEVE Research Area Immunology Source E.coli Target Names PSMB10 Protein Names Recommended name: Proteasome subunit beta type-10 EC= 3.4.25.1Alternative name(s): Low molecular mass protein 10 Macropain subunit MECI-1 Multicatalytic endopeptidase complex subunit MECI-1 Proteasome MECI-1 Proteasome subunit beta Expression Region 1-273aa 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	Product Type	Recombinant Protein
Sequence MLKPALEPRGGFSFENCQRNASLERVLPGLKVPHARKTGTTIAGLVFQDGVIL GADTRATNDSVVADKSCEKIHFIAPKIYCCGAGVAADAEMTTRMVASKMELHA LSTGREPRVATVTRILRQTLFRYQGHVGASLIVGGVDLTGPQLYGVHPHGSYS RLPFTALGSGQDAALAVLEDRFQPNMTLEAAQGLLVEAVTAGILGDLGSGGNV DACVITKTGAKLLRTLSSPTEPVKRSGRYHFVPGTTAVLTQTVKPLTLELVEET VQAMEVE Research Area Immunology Source E.coli Target Names PSMB10 Protein Names Recommended name: Proteasome subunit beta type-10 EC= 3.4.25.1Alternative name(s): Low molecular mass protein 10 Macropain subunit MECI-1 Multicatalytic endopeptidase complex subunit MECI-1 Proteasome MECI-1 Proteasome subunit beta Expression Region 1-273aa 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	Immunogen Species	Homo sapiens (Human)
GADTRATNDSVVADKSCEKIHFIAPKIYCCGAGVAADAEMTTRMVASKMELHA LSTGREPRVATVTRILRQTLFRYQGHVGASLIVGGVDLTGPQLYGVHPHGSYS RLPFTALGSGQDAALAVLEDRFQPNMTLEAAQGLLVEAVTAGILGDLGSGGNV DACVITKTGAKLLRTLSSPTEPVKRSGRYHFVPGTTAVLTQTVKPLTLELVEET VQAMEVE Research Area Immunology Source E.coli Target Names PSMB10 Protein Names Recommended name: Proteasome subunit beta type-10 EC= 3.4.25.1Alternative name(s): Low molecular mass protein 10 Macropain subunit MECI-1 Multicatalytic endopeptidase complex subunit MECI-1 Proteasome MECI-1 Proteasome subunit beta Expression Region 1-273aa 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	Purity	Greater than 90% as determined by SDS-PAGE.
Source E.coli Target Names PSMB10 Protein Names Recommended name: Proteasome subunit beta type-10 EC= 3.4.25.1Alternative name(s): Low molecular mass protein 10 Macropain subunit MECI-1 Multicatalytic endopeptidase complex subunit MECI-1 Proteasome MECI-1 Proteasome subunit beta Expression Region 1-273aa Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. Tag Info N-terminal GST-tagged	Sequence	GADTRATNDSVVADKSCEKIHFIAPKIYCCGAGVAADAEMTTRMVASKMELHA LSTGREPRVATVTRILRQTLFRYQGHVGASLIVGGVDLTGPQLYGVHPHGSYS RLPFTALGSGQDAALAVLEDRFQPNMTLEAAQGLLVEAVTAGILGDLGSGGNV DACVITKTGAKLLRTLSSPTEPVKRSGRYHFVPGTTAVLTQTVKPLTLELVEET
Target NamesPSMB10Protein NamesRecommended name: Proteasome subunit beta type-10 EC= 3.4.25.1Alternative name(s): Low molecular mass protein 10 Macropain subunit MECI-1 Multicatalytic endopeptidase complex subunit MECI-1 Proteasome MECI-1 Proteasome subunit betaExpression Region1-273aaNotesRepeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.Tag InfoN-terminal GST-tagged	Research Area	Immunology
Protein Names Recommended name: Proteasome subunit beta type-10 EC= 3.4.25.1Alternative name(s): Low molecular mass protein 10 Macropain subunit MECI-1 Multicatalytic endopeptidase complex subunit MECI-1 Proteasome MECI-1 Proteasome subunit beta 1-273aa Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. Tag Info N-terminal GST-tagged	Source	E.coli
3.4.25.1Alternative name(s): Low molecular mass protein 10 Macropain subunit MECI-1 Multicatalytic endopeptidase complex subunit MECI-1 Proteasome MECI-1 Proteasome subunit beta Expression Region 1-273aa Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week. Tag Info N-terminal GST-tagged	Target Names	PSMB10
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	Protein Names	3.4.25.1Alternative name(s): Low molecular mass protein 10 Macropain subunit MECI-1 Multicatalytic endopeptidase complex subunit MECI-1 Proteasome
4°C for up to one week. Tag Info N-terminal GST-tagged	Expression Region	1-273aa
	Notes	
Mol. Weight 51.6kDa	Tag Info	N-terminal GST-tagged
	Mol. Weight	51.6kDa



CUSABIO TECHNOLOGY LLC

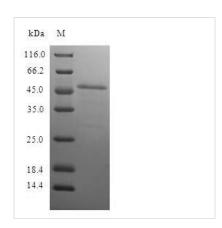




Protein Length

Full Length

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

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.