

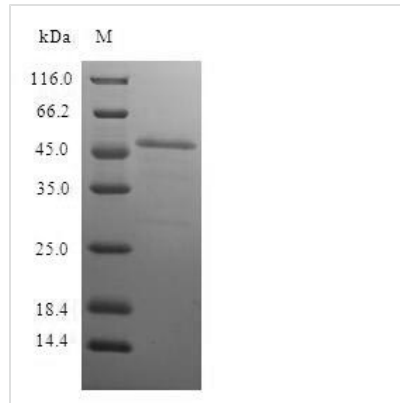


# Recombinant Human Proteasome subunit beta type-10(PSMB10)

<b>Product Code</b>	CSB-EP018877HU
<b>Relevance</b>	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.
<b>Storage</b>	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.
<b>Uniprot No.</b>	P40306
<b>Storage Buffer</b>	Tris-based buffer,50% glycerol
<b>Alias</b>	Low molecular mass protein 10 Macropain subunit MECl-1 Multicatalytic endopeptidase complex subunit MECl-1 Proteasome MECl-1 Proteasome subunit beta-2i
<b>Product Type</b>	Recombinant Protein
<b>Species</b>	Homo sapiens (Human)
<b>Purity</b>	Greater than 90% as determined by SDS-PAGE.
<b>Sequence</b>	MLKPALEPRGGFSFENCQRNASLERVLPGLKVPHARKTGTTIAGLVFQDGVIL GADTRATNDSVVADKSCEKIHFIAPKIYCCGAGVAADAEMTTRMVASKMELHA LSTGREPRVATVTRILRQTLFRYQGHV GASLIVGGVDLTGPQLYGVHPHGSYS RLPFTALGSGQDAALAVLEDRFQPNMTLEAAQGLLVEAVTAGILGDLGSGGNV DACVITKTGAKLLRTLSSPTEPVKRSGRYHFVPGTTAVLTQTVKPLTLELVEET VQAMEVE
<b>Research Area</b>	Immunology
<b>Source</b>	E.coli
<b>Gene Names</b>	PSMB10
<b>Protein Names</b>	Recommended name: Proteasome subunit beta type-10 EC= 3.4.25.1Alternative name(s): Low molecular mass protein 10 Macropain subunit MECl-1 Multicatalytic endopeptidase complex subunit MECl-1 Proteasome MECl-1 Proteasome subunit beta
<b>Expression Region</b>	1-273aa
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	N-terminal GST-tagged
<b>Mol. Weight</b>	51.6kDa

**Protein Description**

Full Length

**Image**

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