Recombinant Human PSMB6 Protein, His-tagged

Cat. No. PSMB6-416H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSMB6(Ala2~Ala239) fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Ala2~Ala239
Description	The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP/ubiquitin-dependent process in a non-lysosomal pathway. The encoded protein is a member of the proteasome B-type family, also known as the T1B family, and is a 20S core beta subunit in the proteasome. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Molecular Mass	28.9kDa
Endotoxin	<1.0EU per 1μg (determined by the LAL method)

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Purity	> 98%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.
Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	PSMB6 proteasome (prosome, macropain) subunit, beta type, 6 [Homo sapiens]
Official Symbol	PSMB6
Synonyms	PSMB6; proteasome (prosome, macropain) subunit, beta type, 6; proteasome subunit beta type-6; DELTA; Y; proteasome subunit Y; macropain delta chain; proteasome delta chain; proteasome subunit delta; proteasome subunit beta 6; proteasome catalytic subunit 1; PSY large multifunctional protease Y; multicatalytic endopeptidase complex delta chain; LMPY; MGC5169;
Gene ID	5694
mRNA Refseq	NM_002798

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Protein Refseq	NP_002789
MIM	600307
UniProt ID	P28072

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