

Recombinant Human PSMB7 Protein, His-tagged

Cat. No. PSMB7-662H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSMB7 fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	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 unit is responsible of the trypsin-like activity.
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl. Store at -80 centigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Molecular Mass	30
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	PSMB7 proteasome (prosome, macropain) subunit, beta type, 7 [Homo sapiens]
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Official Symbol	PSMB7
Synonyms	PSMB7; proteasome (prosome, macropain) subunit, beta type, 7; proteasome subunit beta type-7; Z; macropain chain Z; proteasome subunit Z; proteasome subunit alpha; proteasome subunit beta 7; proteasome catalytic subunit 2; multicatalytic endopeptidase complex chain Z;
Gene ID	5695
mRNA Refseq	NM_002799
Protein Refseq	NP_002790
MIM	604030
UniProt ID	Q99436

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