

Recombinant Human PSMB8 protein, His-SUMO & Myc-tagged

Cat. No. PSMB8-3382H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSMB8 protein(P28062)(73-276aa), fused to N-terminal His-SUMO tag and C-terminal Myc tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	73-276aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	42.7 kDa
AA Sequence	TTTLAFKFQHGVIAAVDSRASAGSYISALRVNKVIEINPYLLGTMSGCAADCQYWERL LAKECRLYYLRNGERISVSAASKLLSNMMCQYRGMGLSMGSMICGWDDKKGPGLYY VDEHGTRLSGNMFSTGSGNTYAYGVMDSGYRPNLSPEEAYDLGRRAIAYATHRDS YSGGVVNMYHMKEDGWVKVESTDVSDLLHQYREANQ
Purity	Greater than 85% as determined by SDS-PAGE.
Storage	Store at -20°C/-80°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.

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Reconstitution

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%.

GENE INFORMATION
Gene Name

PSMB8 proteasome (prosome, macropain) subunit, beta type, 8 (large multifunctional peptidase 7) [Homo sapiens]

Official Symbol

PSMB8

Synonyms

PSMB8; proteasome (prosome, macropain) subunit, beta type, 8 (large multifunctional peptidase 7); LMP7, proteasome (prosome, macropain) subunit, beta type, 8 (large multifunctional protease 7); proteasome subunit beta type-8; beta5i; D6S216E; PSMB5i; RING10; macropain subunit C13; proteasome subunit Y2; protease component C13; proteasome component C13; proteasome-related gene 7; proteasome subunit beta 5i; low molecular mass protein 7; low molecular weight protein 7; proteasome catalytic subunit 3i; really interesting new gene 10 protein; multicatalytic endopeptidase complex subunit C13; JMP; ALDD; LMP7; NKJO; D6S216; MGC1491;

Gene ID

5696

mRNA Refseq

NM_004159

Protein Refseq

NP_004150

MIM

177046

UniProt ID

P28062

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