

Recombinant Human PSMB6 protein, GST-tagged

Cat. No. PSMB6-2019H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSMB6 protein(1-239 aa), fused with N-terminal GST tag, was expressed in E.coli.
Species	Human
Source	E.coli
ProteinLength	1-239 aa
Form	The purified protein was lyophilized from sterile phosphate-buffered saline (PBS: 58 mM Na ₂ HPO ₄ , 17 mM NaH ₂ PO ₄ , 68 mM NaCl, pH 8.0). Prior to lyophilization, 5% (w/v) trehalose and 5% (w/v) mannitol were incorporated as cryoprotective excipients. The protein was eluted with a buffer containing 100 mM reduced glutathione (GSH).
AASequence	MAATLLAARGAGPAPAWGPEAFTPDWESREVSTGTTIMAVQFDGGVVLGADSRTT TGSYIANRVTDKLTPIHDRIFCCRSRSAADTQAVADAVTYQLGFHSIELNEPPLVHTA ASLFKEMCYRYREDLMAGIIAGWDPQEGGQVYSVPMGGMMVRQSFAIGGSGSSYI YGYVDATYREGMTKEECLQFTANALALAMERDGSSGGVIRLAAIAESGVERQVLLG DQIPKFAVATLPPA
Purity	85%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Store at 2-8°C for 1-2 weeks. Aliquot and store at -20°C to -80°C for up to 3 months, reconstitution with sterile water and addition of an equal volume of glycerol. Avoid

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repeat freeze-thaw cycles.

Reconstitution

Dissolve the product in 200 µl sterile water to achieve a working concentration of 0.25 g/µl. If experimental compatibility allows, mix the aqueous solution with an equal volume of glycerol (1:1 ratio) after initial reconstitution.

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

Protein Refseq

NP_002789

MIM

600307

UniProt ID

P28072

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SDS-PAGE

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