

Proteasome Subunit Beta Type 9 Recombinant Protein | PSMB9 recombinant protein

Recombinant Human Proteasome Subunit Beta Type 9

CATALOG # AAA38983	HOST E Coli
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PRODUCT SYNONYMS

Proteasome Subunit Beta Type 9; Recombinant Human Proteasome Subunit Beta Type 9; PSMB9 Human; Proteasome Subunit Beta Type 9 Human Recombinant; Proteasome subunit beta type-9; Low molecular mass protein 2; Macropain chain 7; Multicatalytic endopeptidase complex chain 7; Proteasome chain 7; Proteasome subunit beta-1i; Really interesting new gene 12 protein; PSMB9; LMP2; PSMB6i; RING12; beta1i; MGC70470; PSMB9 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 90.0% as determined by SDS-PAGE.
Form/Format	PSMB9 solution (1mg/ml) containing 20mM Tris-HCl buffer (pH8.0), 10% glycerol and 50mM NaCl. Sterile filtered colorless solution.
Sequence	MGSSHHH HHHSSGLVPR GSHMTT IMAVEFDGGV VMGSDSRVSA GEAVVNRVFD KLSPLHERIY CALSGSAADA QAVADMAAYQ LELHGIELEE PPLVLAAANV VRNISKYKRE DLSAHLMVAG WQREGGQVY GTLGGMLTRQ PFAIGGSGST FIYGVDAAK KPGMSPEECR RFTTDAIALA MSRDGSSGGV IYLVITITAG VDHRVILGNE LPKFYDE
Sequence Length	219
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degreee for longer periods of time. Please avoid freeze thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for PSMB9 recombinant protein	Description: PSMB9 produced in E Coli is a single, non-glycosylated polypeptide chain containing 220 amino acids (21-219 a.a.) and having a molecular mass of 23.5kDa.PSMB9 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Introduction: Proteasome subunit beta type-9 (PSMB9) belongs to the proteasome B-type family which is a 20S core beta subunit. PSMB9 is positioned in the class II region of the MHC (major histocompatibility complex). Expression of the PSMB9 protein is induced by gamma interferon and this gene product replaces catalytic subunit 1 (proteasome beta 6 subunit) in the immunoproteasome.
Product Categories/Family for PSMB9 recombinant protein	Enzymes; Proteasome

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506205
NCBI GeneID	5698
NCBI Accession #	NP_002791.1
NCBI GenBank Nucleotide #	NM_002800.4
UniProt Accession #	P28065; Q16523; Q5JNW4; B0V0T1
NCBI Official Full Name	proteasome subunit beta type-9 proprotein

NCBI Official Synonym Full Names	proteasome (prosome, macropain) subunit, beta type, 9
NCBI Official Symbol	PSMB9
NCBI Official Synonym Symbols	LMP2; PSMB6i; RING12; beta1i
NCBI Protein Information	proteasome subunit beta type-9; large multifunctional peptidase 2; low molecular mass protein 2; macropain chain 7; multicatalytic endopeptidase complex chain 7; proteasome (prosome, macropain) subunit, beta type, 9 (large multifunctional peptidase 2); proteasome catalytic subunit 1i; proteasome chain 7; proteasome subunit beta 6i; proteasome subunit beta-1i; proteasome-related gene 2; really interesting new gene 12 protein
UniProt Protein Name	Proteasome subunit beta type-9
UniProt Gene Name	PSMB9
UniProt Synonym Gene Names	LMP2; PSMB6i; RING12
UniProt Entry Name	PSB9_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/psmb9-recombinant-protein-e-coli/38983>