

Proteasome Subunit Beta Type 8 Recombinant Protein | PSMB8 recombinant protein

Recombinant Human Proteasome Subunit Beta Type 8

CATALOG # AAA39080	HOST E Coli	APPLICATIONS IA (Immunoassay)
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PRODUCT SYNONYMS

Proteasome Subunit Beta Type 8; Recombinant Human Proteasome Subunit Beta Type 8; PSMB8 Human; Proteasome Subunit Beta Type 8 Human Recombinant; D6S216; D6S216E; LMP7; MGC1491; PSMB5i; Low molecular mass protein 7 Macropain subunit C13; Multicatalytic endopeptidase complex subunit C13; Proteasome component C13; Proteasome subunit beta-5i; Really interesting new gene 10 protein; PSMB8 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli
Purity/Purification	Greater than 85.0% as determined by SDS-PAGE.
Form/Format	PSMB8 protein solution (0.5mg/ml) contains 20mM Tris-HCl buffer (pH 8.0), 0.4M Urea and 10% glycerol. Sterile Filtered clear solution.
Sequence	<u>MGSSHHH HHHSSGLVPR GSHMGSHM u>TTTLAFKF QHGVI AAVDS RASAGSYISA LRVNKVIEIN PYLLGTMSGC AADCQYWERL LAKECRLYYL RNGERISVSA ASKLLSNMMC QYRGMGLSMG SMICGWDKKG PGLYYVDEHG TRLSGNMFST GSGNTYAYGV MDSGYRPNLS PEEAYDLGRR AIAYATHRDS YSGGVVNMVH MKEDGWVKVE STDVSDLLHQ YREANQ</u>
Applicable Applications for PSMB8 recombinant protein	IA (Immunoassay)
Preparation and Storage	Store at 4 degree C if entire vial will be used within 2-4 weeks. Store, frozen at -20 degree C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for PSMB8 recombinant protein	Description: PSMB8 Human Recombinant produced in E Coli is a single, non-glycosylated polypeptide chain containing 229 amino acids (73-276 a.a.) and having a molecular mass of 25.4kDa. PSMB8 is fused to a 25 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques. Introduction: Proteasome Subunit Beta Type 8 (PSMB8) is a member of the peptidase T1B family. The proteasome is a multicatalytic proteinase complex with well-organized ring-shaped 20S core structure. Proteasomes are spread through eukaryotic cells at a high concentration. PSMB8 is mainly expressed in immature dendritic cells. vital function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. PSMB8 is positioned in the class II region of the MHC (main histocompatibility complex). PSMB8 plays as a significant factor of interferon gamma-induced sensitivity and in apoptosis by degradation of the apoptotic inhibitor MCL1.
Product Categories/Family for PSMB8 recombinant protein	Enzymes; Proteasome

NCBI AND UNIPROT INFORMATION

NCBI GI #	4758970
NCBI GeneID	5696
NCBI Accession #	NP_004150.1

NCBI GenBank Nucleotide #	NM_004159.4
UniProt Accession #	P28062; Q29824; Q5JNW6; Q5QNR8; Q96J48; B0UZC0
NCBI Official Full Name	proteasome subunit beta type-8 isoform E1 proprotein
NCBI Official Synonym Full Names	proteasome (prosome, macropain) subunit, beta type, 8
NCBI Official Symbol	PSMB8
NCBI Official Synonym Symbols	JMP; ALDD; LMP7; NKJO; D6S216; PSMB5i; RING10; D6S216E
NCBI Protein Information	proteasome subunit beta type-8; large multifunctional peptidase 7; low molecular mass protein 7; low molecular weight protein 7; macropain subunit C13; multicatalytic endopeptidase complex subunit C13; protease component C13; proteasome (prosome, macropain) subunit, beta type, 8 (large multifunctional peptidase 7); proteasome catalytic subunit 3i; proteasome component C13; proteasome subunit Y2; proteasome subunit beta 5i; proteasome-related gene 7; really interesting new gene 10 protein
UniProt Protein Name	Proteasome subunit beta type-8
UniProt Gene Name	PSMB8
UniProt Synonym Gene Names	LMP7; PSMB5i; RING10; Y2
UniProt Entry Name	PSB8_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://www.aaabiotech.com/psmb8-recombinant-protein-e-coli-ia-immunoassay/39080>