

Proteasome subunit alpha type-3 (PSMA3) Recombinant Protein | PSMA3 recombinant protein

Recombinant Human Proteasome subunit alpha type-3 (PSMA3)

CATALOG # AAA81720	HOST E Coli or Yeast or Baculovirus or Mammalian Cell
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PRODUCT SYNONYMS

Proteasome subunit alpha type-3 (PSMA3); Recombinant Human Proteasome subunit alpha type-3 (PSMA3); PSMA3 recombinant protein

PRODUCT SPECIFICATIONS

Host	E Coli or Yeast or Baculovirus or Mammalian Cell
Purity/Purification	Greater or equal to 85% purity as determined by SDS-PAGE.
Form/Format	Lyophilized or liquid (Format to be determined during the manufacturing process)
Sequence Positions	2-255. Full Length of Mature Protein
Sequence	SSIGTGYDLS ASTFSPDGRV FQVEYAMKAV ENSSTAIGIR CKDGVVFGVE KLVLSKLYEE GSNKRLFNVD RHVGMAVAGL LADARSLADI AREEASNFRS NFGYNIPLKH LADRVAMYVH AYTLYSAVRP FGCSFMLGSY SVNDGAQLYM IDPSGVSYGY WGCAIGKARQ AAKTEIEKLQ MKEMTCRDIV KEVAKIIV HDEVKDKAFE LELSWVGELT NGRHEIVPKD IREEAEKYAK ESLKEEDES DDNM
Sequence Length	254
Species	Human
Preparation and Storage	Store at -20 degrees C. For long-term storage, store at -20 degrees C or -80 degrees C. Store working aliquots at 4 degrees C for up to one week. Repeated freezing and thawing is not recommended.

ADDITIONAL INFORMATION

Related Product Information for PSMA3 recombinant protein	The proteasome is a multicatalytic proteinase complex with a highly ordered ring-shaped 20S core structure. The core structure is composed of 4 rings of 28 non-identical subunits; 2 rings are composed of 7 alpha subunits and 2 rings are composed of 7 beta subunits. Proteasomes are distributed throughout eukaryotic cells at a high concentration and cleave peptides in an ATP ubiquitin-dependent process in a non-lysosomal pathway. An essential function of a modified proteasome, the immunoproteasome, is the processing of class I MHC peptides. This gene encodes a member of the peptidase T1A family, that is a 20S core alpha subunit. Two alternative transcripts encoding different isoforms have been identified.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4506183
NCBI GeneID	5684
NCBI Accession #	NP_002779.1
NCBI GenBank Nucleotide #	NM_002788.3
UniProt Accession #	P25788 ; Q86U83 ; Q8N1D8 ; Q9BS70 ; B2RCK6
Molecular Weight	27,647 Da
NCBI Official Full Name	proteasome subunit alpha type-3 isoform 1

NCBI Official Synonym Full Names	proteasome subunit alpha 3
NCBI Official Symbol	PSMA3
NCBI Official Synonym Symbols	HC8; PSC3
NCBI Protein Information	proteasome subunit alpha type-3
UniProt Protein Name	Proteasome subunit alpha type-3
UniProt Gene Name	PSMA3
UniProt Synonym Gene Names	HC8; PSC8

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/psma3-recombinant-protein-e-coli-or-yeast-or-baculovirus-or-mammalian-cell/81720>