

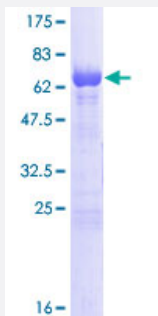
Full-Length

PSMD11 (Human) Recombinant Protein (P01)

Catalog # H00005717-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description

Human PSMD11 full-length ORF (NP_002806.2, 1 a.a. - 422 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence

MAAAVVEFQRAQSLLSTDREASIDILHSIVKRDIQENDEEAVQVKEQSILELGSLLAKTGQAAELG
GLLKVVRPFLNSISKAKAARLVRSLLDLFLDMEAATGQEVCLCEIEWAKSEKRTFLRQALEARL
VSLYFDTKRYQEALHLGSQLLRELKKMDDKALLVEVQLLESKTYHALSNLPKARAALTSARTTANA
YCPPKLQATLDMQSGIIHAAEEKDWKTAYSFYEAFFEGYDSIDSPKAITSLKYMLLCKIMLNTPEDV
QALVSGKLALRYAGRQTEALKCVAQASKNRSADFEEKALTDYRAELRDDPIISTHLAKLYDNLLEQ
NLIRVIEPFSRVQIEHISSLIKLSKADVERKLSQMILDKKFHGILDQGEGLIIFDEPPVDKTYEAALETI
QNMSKVVDLSYNKAKKLT

Host

Wheat Germ (in vitro)

Theoretical MW (kDa)

73.9

Interspecies Antigen Sequence

Mouse (99); Rat (99)

Preparation Method

[in vitro wheat germ expression system](#)

Purification

Glutathione Sepharose 4 Fast Flow

Quality Control Testing

12.5% SDS-PAGE Stained with Coomassie Blue.

Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — PSMD11

Entrez GeneID	5717
GeneBank Accession#	NM_002815.2
Protein Accession#	NP_002806.2
Gene Name	PSMD11
Gene Alias	MGC3844, Rpn6, S9, p44.5
Gene Description	proteasome (prosome, macropain) 26S subunit, non-ATPase, 11
Omim ID	604449
Gene Ontology	Hyperlink
Gene Summary	<p>The 26S proteasome is a multicatalytic proteinase complex with a highly ordered structure composed of 2 complexes, a 20S core and a 19S regulator. The 20S core 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. The 19S regulator is composed of a base, which contains 6 ATPase subunits and 2 non-ATPase subunits, and a lid, which contains up to 10 non-ATPase 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 non-ATPase subunit of the 19S regulator. [provided by RefSeq]</p>
Other Designations	26S proteasome regulatory subunit 9 proteasome 26S non-ATPase subunit 11

Pathway

- [Proteasome](#)