

Recombinant Human PSMD10 protein, His & T7-tagged

Cat. No. PSMD10-1502H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSMD10 aa. (Met1~Gly226 (Accession # O75832)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Human
Source	E.coli
ProteinLength	Met1~Gly226
Description	This gene encodes a subunit of the PA700/19S complex, which is the regulatory component of the 26S proteasome. The 26S proteasome complex is required for ubiquitin-dependent protein degradation. This protein is a non-ATPase subunit that may be involved in protein-protein interactions. Aberrant expression of this gene may paly a role in tumorigenesis. Two transcripts encoding different isoforms have been described. Pseudogenes have been identified on chromosomes 3 and 20.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 28.2kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>95%
Applications	SDS-PAGE; WB; ELISA; IP.

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Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at -80°C for 12 months.
Storage buffer	Supplied as lyophilized form in PBS, pH7.4, containing 5% sucrose, 0.01% sarcosyl.
Reconstitution	Reconstitute in sterile PBS, pH7.2-pH7.4.
Isoelectric Point	6.2

GENE INFORMATION

Gene Name	PSMD10 proteasome 26S subunit, non-ATPase 10 [Homo sapiens (human)]
Official Symbol	PSMD10
Synonyms	PSMD10; proteasome 26S subunit, non-ATPase 10; p28; p28(GANK); dJ889N15.2; 26S proteasome non-ATPase regulatory subunit 10; 26S proteasome regulatory subunit p28; ankyrin repeat protein; gankyrin; hepatocellular carcinoma-associated protein p28-II; proteasome (prosome, macropain) 26S subunit, non-ATPase, 10
Gene ID	5716
mRNA Refseq	NM_002814.3
Protein Refseq	NP_002805.1

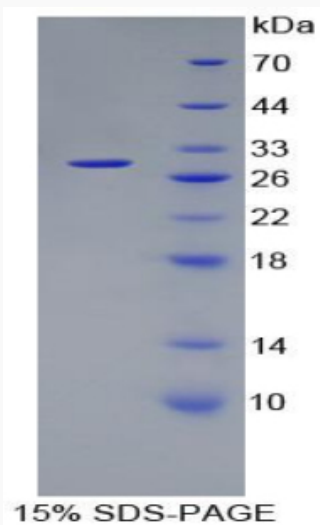
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UniProt ID

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