Recombinant Human PSMD10 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PSMD10-1136H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PSMD10 MS Standard C13 and N15-labeled recombinant protein (NP_002805) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a subunit of the PA700/19S complex, which is the regulatory component of the 26S proteasome. The 26S proteosome 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.
Molecular Mass	24.4 kDa
AA Sequence	MEGCVSNLMVCNLAYSGKLEELKESILADKSLATRTDQDSRTALHWACSAGHTEIVE FLLQLGVPVNDKDDAGWSPLHIAASAGRDEIVKALLGKGAQVNAVNQNGCTPLHYA ASKNRHEIAVMLLEGGANPDAKDHYEATAMHRAAAKGNLKMIHILLYYKASTNIQDT EGNTPLHLACDEERVEEAKLLVSQGASIYIENKEEKTPLQVAKGGLGLILKRMVEGTR TRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

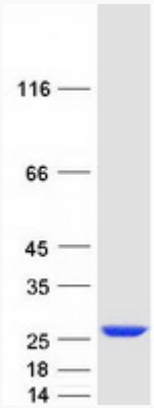
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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 μg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	PSMD10 proteasome 26S subunit, non-ATPase 10 [Homo sapiens (human)]
Official Symbol	PSMD10
Synonyms	PSMD10; proteasome (prosome, macropain) 26S subunit, non-ATPase, 10; 26S proteasome non-ATPase regulatory subunit 10; gankyrin; p28; ankyrin repeat protein; 26S proteasome regulatory subunit p28; hepatocellular carcinoma-associated protein p28-II; p28(GANK); dJ889N15.2;
Gene ID	5716
mRNA Refseq	NM_002814
Protein Refseq	NP_002805
MIM	603480
UniProt ID	O75832

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SDS-PAGE	

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