

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

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

## SPECIFICATION

<b>Product Overview</b>	PSMD10 MS Standard C13 and N15-labeled recombinant protein (NP_002805) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<b>Description</b>	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 play a role in tumorigenesis. Two transcripts encoding different isoforms have been described. Pseudogenes have been identified on chromosomes 3 and 20.
<b>Molecular Mass</b>	24.4 kDa
<b>AA Sequence</b>	MEGCVSNLMVCNLAYSGKLEELKESILADKSLATRTDQDSRTALHWACSAGHTEIVE FLLQLGVPVNDKDDAGWSPLHIAASAGRDEIVKALLGKGAQVNAVQNQNGCTPLHYA ASKNRHEIAVMLLEGGANPDAKDHYEATAMHRAAAKGNLKMIIHILLYKASTNIQDT EGNTPLHLACDEERVEEAKLLVSQGASIYIENKEEKTPLQVAKGGLGLILKRMVEGTR TRPLEQKLISEEDLAANDILDYKDDDDKV
<b>Purity</b>	> 80% as determined by SDS-PAGE and Coomassie blue staining

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

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

## GENE INFORMATION

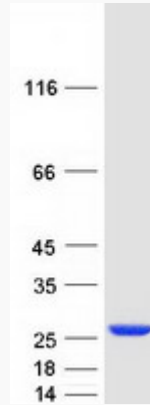
<b>Gene Name</b>	PSMD10 proteasome 26S subunit, non-ATPase 10 [ Homo sapiens (human) ]
<b>Official Symbol</b>	PSMD10
<b>Synonyms</b>	PSMD10; proteasome (prosome, macropain) 26S subunit, non-ATPase, 10; 26S proteasome non-ATPase regulatory subunit 10; gankyrin; p28; ankyrin repeat protein; 26S proteasome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

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**SDS-PAGE**



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