

## Product datasheet for **TP302025**

### PSMD10 (NM\_002814) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human proteasome (prosome, macropain) 26S subunit, non-ATPase, 10 (PSMD10), transcript variant 1, 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202025 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	 MEGCVSNLMVCNLAYSGKLEELKESILADKSLATRTDQDSRTALHWACASAGHTEIVEFLLQLGVPVNDKD DAGWSPLHIAASAGRDEIVKALLGKGAQVNAVNGCTPLHYAASKNRHEIAVMLLEGGANPDAKDHYE TAMHRAAAKGNLKMILLIYKASTNIQDTEGNTPLHLACDEERVEEAKLLVSQGASIYIENKEEKTPLQ VAKGGLGLILKRMVEG  <b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
Tag:	C-Myc/DDK
Predicted MW:	24.2 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u><a href="#">NP_002805</a></u>
Locus ID:	5716



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UniProt ID: [O75832](#)

RefSeq Size: 1585

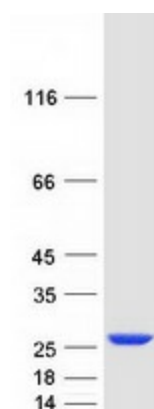
Cytogenetics: Xq22.3

RefSeq ORF: 678

Synonyms: dj889N15.2; p28; p28(GANK)

**Summary:** 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.[provided by RefSeq, Mar 2011]

### Product images:



Coomassie blue staining of purified PSMD10 protein (Cat# TP302025). The protein was produced from HEK293T cells transfected with PSMD10 cDNA clone (Cat# [RC202025]) using MegaTran 2.0 (Cat# [TT210002]).