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Product datasheet for PH302025

PSMD10 (NM_002814) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PSMD10 MS Standard C13 and N15-labeled recombinant protein (NP_002805)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC202025
Predicted MW:	24.4 kDa
Protein Sequence:	>RC202025 protein sequence Red=Cloning site Green=Tags(s) MEGCVSNLMVCNLAYSGKLEELKESILADKSLATRTDQDSRTALHWACSAGHTEIVEFLLQLGVPVNDKD DAGWSPLHIAASAGRDEIVKALLGKGAQVNAVNQNGCTPLHYAASKNRHEIAVMLLEGGANPDAKDHYEA TAMHRAAAKGNLKMIHILLYYKASTNIQDTEGNTPLHLACDEERVEEAKLLVSQGASIYIENKEEKTPLQ VAKGGLGLILKRMVEG TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Labeling Method:	Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3
Storage:	Store at -80°C. Avoid repeated freeze-thaw cycles.
Stability:	Stable for 3 months from receipt of products under proper storage and handling conditions.
RefSeq:	NP_002805
RefSeq Size:	1585
RefSeq ORF:	678
Synonyms:	dJ889N15.2; p28; p28(GANK)
Locus ID:	5716
UniProt ID:	O75832

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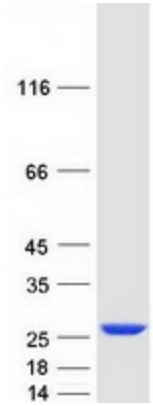
Cytogenetics: Xq22.3

Summary: 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.[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]).