

Product datasheet for PH317359

PSMD10 (NM_170750) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PSMD10 MS Standard C13 and N15-labeled recombinant protein (NP_736606)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC217359
Predicted MW:	16 kDa
Protein Sequence:	>RC217359 representing NM_170750 Red=Cloning site Green=Tags(s) MEGCVSNLMVCNLAISGKLEELKESILADKSLATRTDQDSRTALHWACSGHTEIVEFLLQLGVPVNDKD DAGWSPLHIAASAGRDEIVKALLGKGAQVNAVNGCTPLHYAASKNRHEIAVMLLEGGANPDAKDHYEA TAMHRAAAKDT TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
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- ¹³ C ₆ , ¹⁵ N ₄]-L-Arginine and [U- ¹³ C ₆ , ¹⁵ N ₂]-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_736606
RefSeq Size:	1467
RefSeq ORF:	453
Synonyms:	dj889N15.2; p28; p28(GANK)
Locus ID:	5716
UniProt ID:	O75832

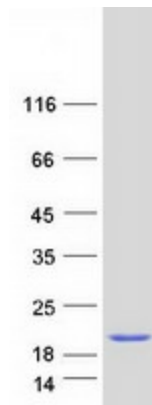


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Cytogenetics: Xq22.3

Summary: This gene encodes a subunit of the PA700/19S complex, which is the regulatory component of the 26S proteasome. The 26S 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# [TP317359]). The protein was produced from HEK293T cells transfected with PSMD10 cDNA clone (Cat# [RC217359]) using MegaTran 2.0 (Cat# [TT210002]).