

Product datasheet for PH309829

PSMD14 (NM_005805) Human Mass Spec Standard

Product data:

Product Type:	Mass Spec Standards
Description:	PSMD14 MS Standard C13 and N15-labeled recombinant protein (NP_005796)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC209829
Predicted MW:	34.6 kDa
Protein Sequence:	>RC209829 protein sequence Red=Cloning site Green=Tags(s)
	MDRLLRLGGGMPGLGQGPPTDAPAVDTAEQVYISSLALLKMLKHGRAGVPMEVMGLMGEFVDDYTVRVI DVFAMPQSGTGVSVEAVDPVFQAKMLDMLKQTGRPEMVVWGYHSHPGFCWLSGVDINTQQSFEALSER VAVVVDPIQSVKGVVIDAFRLINANMMVLGHEPRQTTSNLGHLNKPISIQALIHGLNRHYYSITINYRKN ELEQKMLLNHLHKKSWMEGLTLQDYSEHCKHNESVVKEMLELAKNYNKAVEEEDKMTPEQLAIKNVGKQDP KRHLEEHVDVLMTSNIVQCLAAMLDTVVFK
	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- 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:	<u>NP_005796</u>
RefSeq Size:	1734
RefSeq ORF:	930
Synonyms:	PAD1; POH1; RPN11
Locus ID:	10213



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UniProt ID: [O00487](#), [AOA140VKF2](#)

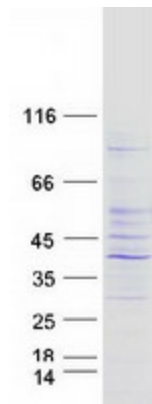
Cytogenetics: 2q24.2

Summary: This gene encodes a component of the 26S proteasome. The 26S proteasome is a large multiprotein complex that catalyzes the degradation of ubiquitinated intracellular proteins. The encoded protein is a component of the 19S regulatory cap complex of the 26S proteasome and mediates substrate deubiquitination. A pseudogene of this gene is also located on the long arm of chromosome 2. [provided by RefSeq, Feb 2012]

Protein Families: Druggable Genome, Protease

Protein Pathways: Proteasome

Product images:



Coomassie blue staining of purified PSMD14 protein (Cat# [TP309829]). The protein was produced from HEK293T cells transfected with PSMD14 cDNA clone (Cat# [RC209829]) using MegaTran 2.0 (Cat# [TT210002]).