

Product datasheet for **TP309829**

PSMD14 (NM_005805) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human proteasome (prosome, macropain) 26S subunit, non-ATPase, 14 (PSMD14), 20 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209829 protein sequence Red =Cloning site Green =Tags(s)
	MDRLLRLGGGMPGLGQGPPTDAPAVDTAEQVYISSLALLKMLKHGRAGVPMMEVMGLMLGFEVDDYTVRVI DVFAMPQSGTGVSVEAVDPVFQAKMLDMLKQTGRPEMVVGWYHSHPGFGCWLSGVDINTQQSFEALSERA VAVVVDPIQSVKGVVIDAFRLINANMMVLGHEPRQTTSNLGHLNKPSIQALIHGLNRHYYSITINYRKN ELEQKMLLNHLKKSWM EGLTLQDYSEHCKHNESVVKEMLELAKNYNKAVEEEDKMTPEQLAIKNVGKQDP KRHLEEHVDVLM TSNIVQCLAAMLDTVFK
	TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	34.4 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:	NP_005796
Locus ID:	10213



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UniProt ID: [O00487](#)

RefSeq Size: 1734

Cytogenetics: 2q24.2

RefSeq ORF: 930

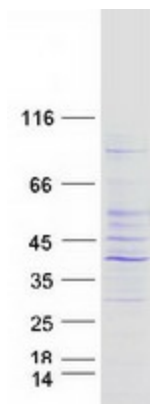
Synonyms: PAD1; POH1; RPN11

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]).