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Product datasheet for TP302292M

PSMD6 (NM_014814) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human proteasome (prosome, macropain) 26S subunit, non-ATPase, 6 (PSMD6), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC202292 representing NM_014814 Red=Cloning site Green=Tags(s) MPLENLEEEGLPKNPDLRIAQLRFLLSLPEHRGDAAVRDELMAAVRDNNMAPYYEALCKSLDWQIDVDLL NKMKKANEDELKRLDEELEDAEKNLGESEIRDAMMAKAEYLCRIGDKEGALTAFRKTYDKTVALGHRLDI VFYLLRIGLFYMDNDLITRNTEKAKSLIEEGGDWDRRNRLKVYQGLYCVAIRDFKQAAELFLDTVSTFTS YELMDYKTFVTYTVYVSMIALERPDLREKVIKGAEILEVLHSLPAVRQYLFSLYECRYSVFFQSLAVVEQ EMKKDWLFAPHYRYYVREMRIHAYSQLLESYRSLTLGYMAEAFGVGVEFIDQELSRFIAAGRLHCKIDKV NEIVETNRPDSKNWQYQETIKKGDLLLNRVQKLSRVINM TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	45.4 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_055629

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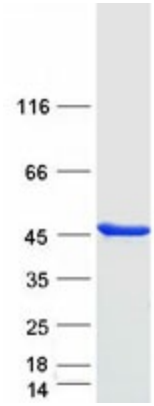
Locus ID:	9861
UniProt ID:	Q15008
RefSeq Size:	1308
Cytogenetics:	3p14.1
RefSeq ORF:	1167
Synonyms:	p42A; p44S10; Rpn7; S10; SGA-113M
Summary:	This gene encodes a member of the protease subunit S10 family. The encoded protein is a subunit of the 26S proteasome which colocalizes with DNA damage foci and is involved in the ATP-dependent degradation of ubiquinated proteins. Alternative splicing results in multiple transcript variants [provided by RefSeq, Nov 2012]
Protein Pathways:	Proteasome

Product images:



Coomassie blue staining of purified PSMD6 protein (Cat# [TP302292]). The protein was produced from HEK293T cells transfected with PSMD6 cDNA clone (Cat# [RC202292]) using MegaTran 2.0 (Cat# [TT210002]).