

Product datasheet for PH303835

PSMG3 (NM_032302) Human Mass Spec Standard

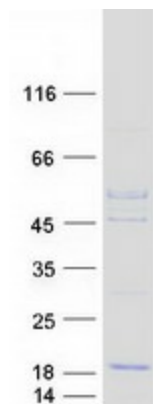
Product data:

Product Type:	Mass Spec Standards
Description:	PSMG3 MS Standard C13 and N15-labeled recombinant protein (NP_115678)
Species:	Human
Expression Host:	HEK293
Expression cDNA Clone or AA Sequence:	RC203835
Predicted MW:	13.1 kDa
Protein Sequence:	<p>>RC203835 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MEDTPLVISKQKTEVVCVPTQVVCTAFSSHILVVVTQFGKMGTLVSLEPSSVASDVSKPVLTTKVLLGQ DEPLIHVF AKNL VAFVSQEAGNRAVLLAVAVKDKSMEGLKALREVIRVCQW</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p>
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_115678
RefSeq Size:	1395
RefSeq ORF:	366
Synonyms:	C7orf48; PAC3
Locus ID:	84262
UniProt ID:	Q9BT73 , A0A024R806
Cytogenetics:	7p22.3


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Summary:

Chaperone protein which promotes assembly of the 20S proteasome. May cooperate with PSMG1-PSMG2 heterodimers to orchestrate the correct assembly of proteasomes.
[UniProtKB/Swiss-Prot Function]

Product images:


Coomassie blue staining of purified PSMG3 protein (Cat# [TP303835]). The protein was produced from HEK293T cells transfected with PSMG3 cDNA clone (Cat# [RC203835]) using MegaTran 2.0 (Cat# [TT210002]).