

Recombinant Human PSMG1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. PSMG1-6191H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	PSMG1 MS Standard C13 and N15-labeled recombinant protein (NP_003711) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	PSMG1 (Proteasome Assembly Chaperone 1) is a Protein Coding gene. Diseases associated with PSMG1 include Down Syndrome and Thrombasthenia. Gene Ontology (GO) annotations related to this gene include proteasome binding.
Molecular Mass	32.9 kDa
AA Sequence	MAATFFGEVVKAPCRAGTEDEEEEEEGRRETPEDREVRLQLARKREVRLRRQTKT SLEVSLLKYPCKSFIIAIGNNAVAFLSSFVMNSGVWEEVGCALWNEWCRTTDTTH LSSTEAFVCVFYHLKSNPSVFLCQCSCYVAEDQQYQWLEKVFVSCPRKNMQITILTC RHVTDYKTSESTGSLPSPFLRALKTQNFKDSACCPLEQPNIVHDLPAAVLSYCQVW KIPAILYLCYTDVMKLDLITVEAFKPISTRSLKGLVKNIPQSTEILKKLMTTNEIQSNIYT TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.

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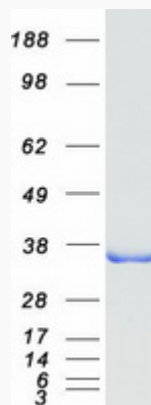
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Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.
GENE INFORMATION	
Gene Name	PSMG1 proteasome assembly chaperone 1 [Homo sapiens (human)]
Official Symbol	PSMG1
Synonyms	PSMG1; proteasome (prosome, macropain) assembly chaperone 1; Down syndrome critical region gene 2, DSCR2; proteasome assembly chaperone 1; c21 LRP; LRPC21; PAC1; PAC-1; leucine rich protein C21-LRP; proteasome assembling chaperone 1; chromosome 21 leucine-rich protein; Down syndrome critical region gene 2; Down syndrome critical region protein 2; DSCR2; C21LRP;
Gene ID	8624
mRNA Refseq	NM_003720
Protein Refseq	NP_003711
MIM	605296
UniProt ID	O95456

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SDS-PAGE

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