

Recombinant Human PSMD4 protein, GST-tagged

Cat. No. PSMD4-1810H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSMD4 protein(1-377 aa), fused to GST tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	1-377 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ ,17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 100mM GSH.
AA Sequence	MVLESTMVCVDNSEYMRNGDFLPTRLQAQQDAVNIVCHSKTRSNPENNVGLITLAN DCEVLTTLPDTGRILSKLHTVQPKGKITFCTGIRVAHLALKHRQGNHMKMRIIAFVGS PVEDNEKDLVKLAKRLKKEKVNVDIINFGEEEVNTEKLTAFVNTLNGKDG TGSHLVTV PPGPLADALISSPILAGEGGAMLGLGASDFEFGVDPSADPELALALRVSMEEQRQR QEEEARAAAASAAEAGIATTGTEDSDDALLKMTISQQEFGRTGLPDLSSMTEEEQI AYAMQMSLQGA EFGQAESADIDASSAMDTSEPAKEEDDYDVMQDPEFLQSVLENL PGVDPNNEAIRNAMGSLASQATKDGKKDKKEEDKK
Purity	90%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer

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containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.

Reconstitution

Reconstitute at 0.25 g/μl in 200 μl sterile water for short-term storage.
 Reconstitution with 200 μl 50% glycerol solution is recommended for longer term storage.

GENE INFORMATION

Gene Name PSMD4 proteasome (prosome, macropain) 26S subunit, non-ATPase, 4 [Homo sapiens]

Official Symbol PSMD4

Synonyms PSMD4; proteasome (prosome, macropain) 26S subunit, non-ATPase, 4; 26S proteasome non-ATPase regulatory subunit 4; AF; AF 1; Rpn10; S5A; angiocidin; RPN10 homolog; antiseecretory factor 1; S5a/antiseecretory factor protein; multiubiquitin chain-binding protein; 26S proteasome regulatory subunit S5A; ASF; AF-1; MCB1; pUB-R5;

Gene ID 5710

mRNA Refseq NM_002810

Protein Refseq NP_002801

MIM 601648

UniProt ID P55036

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