

Recombinant Full Length Human PSMD14 protein, MBP & His-tagged

Cat. No. PSMD14-2253H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PSMD14 protein(O00487)(1-310aa), fused to N-terminal MBP tag and C-terminal His tag, was expressed in Insect Cell.
Species	Human
Source	Insect Cells
ProteinLength	1-310aa
Form	If the delivery form is liquid, the default storage buffer is Tris/PBS-based buffer, 5%-50% glycerol. If the delivery form is lyophilized powder, the buffer before lyophilization is Tris/PBS-based buffer, 6% Trehalose, pH 8.0.
Molecular Mass	79.2 kDa
AA Sequence	MDRLLRLGGGMPGLGQGPPTDAPAVDTAEQVYISSLALLKMLKHGRAGVPMVEVMG LMLGEFVDDYTVRVIDVFAMPQSGTGVSVEAVDPVFQAKMLDMLKQTGRPEMVVG WYHSHPGFGCWLSGVDINTQQSFEALSERAVAVVVDPIQSVKGVVIDAFRLINANM MVLGHEPRQTTSNLGHLNKPSIQALIHGLNRHYYSITINYRKNELEQKMLLNHLHKKSW MEGLTLQDYSEHCKHNESVVKEMLELAKNYNKAVEEEDKMTPEQLAIKNVGKQDPK RHLEEHVDVLMTSNIVQCLAAMLDTVVFK
Purity	Greater than 85% as determined by SDS-PAGE.

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Storage	Store at -20°C upon receipt, aliquoting is necessary for mutiple use. Avoid repeated freeze-thaw cycles.
Reconstitution	Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.
GENE INFORMATION	
Gene Name	PSMD14 proteasome (prosome, macropain) 26S subunit, non-ATPase, 14 [Homo sapiens]
Official Symbol	PSMD14
Synonyms	PSMD14; proteasome (prosome, macropain) 26S subunit, non-ATPase, 14; 26S proteasome non-ATPase regulatory subunit 14; pad1; POH1; Rpn11; 26S proteasome regulatory subunit rpn11; 26S proteasome-associated PAD1 homolog 1; PAD1; RPN11;
Gene ID	10213
mRNA Refseq	NM_005805
Protein Refseq	NP_005796
MIM	607173
UniProt ID	O00487

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