

Recombinant Human PSMD7 Protein (P2-K324), His tagged

Cat. No. PSMD7-0304H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human 8His-TEV-GG-PSMD7(P2-K324 end) Protein was expressed in Insect cell.
Species	Human
Source	Insect Cells
ProteinLength	P2-K324
Description	Component of the 26S proteasome, a multiprotein complex involved in the ATP-dependent degradation of ubiquitinated proteins. This complex plays a key role in the maintenance of protein homeostasis by removing misfolded or damaged proteins, which could impair cellular functions, and by removing proteins whose functions are no longer required. Therefore, the proteasome participates in numerous cellular processes, including cell cycle progression, apoptosis, or DNA damage repair.
Form	Liquid
Endotoxin	< 0.01 EU per µg of the protein
Purity	95%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.

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Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.
Storage Buffer	Supplied as sterile 10mM HEPES(pH 7.5), 150mM NaCl, 5% glycerol
Shipping	It is shipped out with blue ice.
GENE INFORMATION	
Gene Name	PSMD7 proteasome (prosome, macropain) 26S subunit, non-ATPase, 7 [Homo sapiens (human)]
Official Symbol	PSMD7
Synonyms	PSMD7; proteasome (prosome, macropain) 26S subunit, non-ATPase, 7; proteasome (prosome, macropain) 26S subunit, non ATPase, 7 (Mov34 homolog); 26S proteasome non-ATPase regulatory subunit 7; MOV34; Mov34 homolog; P40; Rpn8; S12; proteasome subunit p40; 26S proteasome regulatory subunit S12; 26S proteasome regulatory subunit rpn8; Moloney leukemia virus-34 proviral integration; proteasome (prosome, macropain) 26S subunit, non-ATPase, 7 (Mov34 homolog);
Gene ID	5713
mRNA Refseq	NM_002811
Protein Refseq	NP_002802
MIM	157970
UniProt ID	P51665