

Recombinant Human PSMD7 Protein (P2-K324), Tag Free

Cat. No. PSMD7-0303H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human 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	90%
Stability	Samples are stable for up to twelve months from date of receipt at -20 to -80 centigrade.
Storage	Store it under sterile conditions at -20 to -80 centigrade. It is recommended that the

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protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Storage Buffer Supplied as sterile 50 mM Tris-HCl (pH7.5), 200 mM NaCl, 20% 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

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