

Recombinant Human PSMD7 Protein (Met1-Lys324), His tagged

Cat. No. PSMD7-6047H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant human PSMD7 (Met1-Lys324) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Lys324
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	Lyophilized powder/frozen liquid
Molecular Mass	37.1 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.

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Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the date of receipt.
Storage Buffer	Supplied as solution form in PBS, pH 7.5 or lyophilized from PBS, pH 7.5.
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.
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

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UniProt ID

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