

Recombinant Human PSMD5 Protein (Lys143-Arg341), His tagged

Cat. No. PSMD5-6046H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human PSMD5 (Lys143-Arg341) fused with His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Lys143-Arg341
Description	Acts as a chaperone during the assembly of the 26S proteasome, specifically of the base subcomplex of the PA700/19S regulatory complex (RC). In the initial step of the base subcomplex assembly is part of an intermediate PSMD5:PSMC2:PSMC1:PSMD2 module which probably assembles with a PSMD10:PSMC4:PSMC5:PAAF1 module followed by dissociation of PSMD5.
Form	Lyophilized powder/frozen liquid
Molecular Mass	22.29 kDa
Purity	> 90 % as determined by SDS-PAGE
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8

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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 PSMD5 proteasome (prosome, macropain) 26S subunit, non-ATPase, 5 [Homo sapiens (human)]

Official Symbol PSMD5

Synonyms PSMD5; proteasome (prosome, macropain) 26S subunit, non-ATPase, 5; 26S proteasome non-ATPase regulatory subunit 5; KIAA0072; S5B; 26S proteasome subunit S5B; 26S protease subunit S5 basic; MGC23145;

Gene ID 5711

mRNA Refseq NM_005047

Protein Refseq NP_005038

MIM 604452

UniProt ID Q16401

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