

Product information

PSMD5, 1-504aa

Human, His-tagged, Recombinant, *E.coli*

Cat. No. IBATGP3156

Full name: 26S proteasome non-ATPase regulatory subunit 5 isoform 1

NCBI Accession No.: NP_005038

Synonyms: S5B

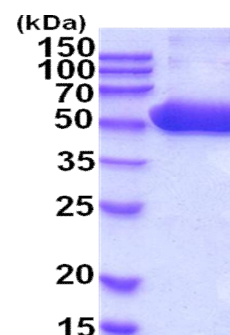
Description: PSMD5 also known as 26S proteasome non-ATPase regulatory subunit 5 isoform 1. The 26S proteasome is an enzymatic complex that degrades ubiquitinated proteins in eukaryotic cells. PSMD5 is one of a number of chaperones that are involved in the assembly of the proteasome. The chaperones dissociate before 26S proteasome formation is complete. Recombinant human PSMD5, fused to His-tag at N-terminus, was expressed in *E.coli* and purified by using conventional chromatography techniques

Form: Liquid. In Phosphate Buffered Saline (pH7.4) containing 10% glycerol

Molecular Weight: 58.9kDa (529aa)

Purity: > 90% by SDS - PAGE

Concentration: 1mg/ml (determined by Absorbance at 280nm)



15% SDS-PAGE (3ug)

Sequences of amino acids:

MGSSHHHHH SSGLVPRGSH MGSEFMAAQA LALLREVARL EAPLEELRAL HSQLQAVPLN ELRQQAELR LGPLFSLLE NHREKTTLCV
SILERLLQAM EPVHVARNLR VDLQRGLIHP DDSVKILTLS QIGRIVENS AVTEILNNAE LLKQIVYCI GENLSVAKAA IKSLSRISLT
QAGLEALFES NLLDDLKSVK KTNDIVRYRV YELIIEISSV SPESLNYCTT SGLVTQLLRE LTGEDVLVRA TCIEMVTSLA YTHHGRQYLA
QEGVIDQISN IIVGADSDPF SSFYLPGFVK FFGNLAVMDS PQQICERYPI FVEKVFEMIE SQDPTMIGVA VDTVGILGSN VEGKQVLQKT
GTRFERLLMR IGHQSKNAPV ELKIRCLDAI SLLLYLPPEQ QTDDLRLMTE SWFSSLSRDP LELFRGISSQ PFPELHCAAL KVFTAIANQP
WAQKLMFNPS GFVEYVVDPS VEHDKASKDA KYELVKALAN SKTIAEIFGN PNYLRLRTYL SEGPPYVKPV STTAVEGAE

General references:

Kaneko T., *et al.* (2009) *Cell*. 137(5):914-925.

Shim SM., *et al.* (2012) *Cell*. 2(3):603-615

Storage: Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C.

Avoid repeated freezing and thawing cycles.

For research use only. This product is not intended or approved for human, diagnostics or veterinary use.



Manufactured for:
Immuno-Biological Laboratories, Inc. (IBL-America)
8201 Central Ave. NE, Suite P, Minneapolis, Minnesota 55432, USA
Phone: (888) 523-1246 Fax: (763) 780-2988
Email: info@ibl-america.com Web: www.ibl-america.com