

Recombinant human PSMD13 protein

Catalog Number: ATGP2705

PRODUCT INFORMATION

Expression system

E.coli

Domain

1-376aa

UniProt No.

Q9UNM6

NCBI Accession No.

NP_002808

Alternative Names

26S proteasome non-ATPase regulatory subunit 13 isoform 1, HSPC027, p40.5, Rpn9, S11

PRODUCT SPECIFICATION

Molecular Weight

45.3 kDa (399aa)

Concentration

1mg/ml (determined by Bradford assay)

Formulation

Liquid in. 20mM Tris-HCl buffer (pH 8.0) containing 0.4M UREA, 10% glycerol

Purity

> 90% by SDS-PAGE

Tag

His-Tag

Application

SDS-PAGE, Denatured

Storage Condition

Can be stored at +2C to +8C for 1 week. For long term storage, aliquot and store at -20C to -80C. Avoid repeated freezing and thawing cycles.

BACKGROUND

Description

PSMD13 belongs to the proteasome subunit S11 family and contains 1 PCI domain. This protein acts as a regulatory subunit of the 26S proteasome which is involved in the ATP-dependent degradation of ubiquitinated proteins. Recombinant human PSMD13 protein, fused to His-tag at N-terminus, was expressed in E. coli.

Amino acid Sequence

<MGSSHHHHHH SGLVPRGSH MGS>MKDVPGF LQQSQNSGPG QPAVWHRLEE LYTKKLWHQL TLQVLDFVQD
PCFAQGDGLI KLYENFISEF EHRVNPLSLV EIILHVVRQM TDPNVALTFL EKTREKVKSS DEAVILCKTA IGALKLNIGD

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LQVTKETIED VEMLNLLPG VTSVHSRFYD LSSKYYQTIG NHASYKDAL RFLGCVDIKD LPVSEQQERA FTLGLAGLLG
EGVFNFGELL MHPVLESLRN TDRQWLIDTL YAFNSGNVER FQTLKTAWGQ QPDLAANEAQ LLRKIQLLCL MEMTFTRPAN
HRQLTFEEIA KSAKIVNEV ELLVMKALSV GLVKGSIDEV DKRVHMTWVQ PRVLDLQIQK GMKDRLEFWC TDVKSMEMLV
EHQAHDILT

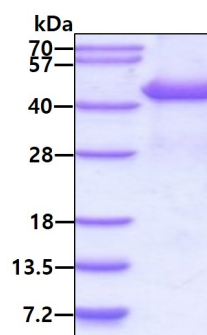
General References

Gieger,C, et al. (2011) Nature 480 (7376), 201-208

Bellizzi,D., et al. (2007) Genomics 89 (1), 143-150

DATA

SDS-PAGE



3ug by SDS-PAGE under reducing condition and visualized by coomassie blue stain.