

Datasheet for ABIN7556323
PSMD13 Protein (AA 1-376) (His tag)



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Overview

Quantity:	1 mg
Target:	PSMD13
Protein Characteristics:	AA 1-376
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PSMD13 protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant Psmid13 Protein expressed in mammalian cells.
Sequence:	MKDVPAFLQQ SQSSGPGQAA VWHRLEELYT KKLWHQLTLE VLDFVQDPCF AQGDGLIKLY ENFISEFEHR VNPLSLVEII LHVVRQMTDP NVALTFLEKT REKVKSSDEA VILCKTAIGA LKLNIIGDLQA TKETIEDVEE MLNNLPGVTS VHSRFYDLSS KYYQTIGNHA SYYKDALARFL GCVDIKDLPV SEQQERAFTL GLAGLLGEGV FNFGELLMHP VLESLRDTDR QWLIDTLYAF NSGAVDRFQT LKCAWGQQPD LAANEAQLLR KIQLLCLMEM TFTRPANHRQ LTFEEIAKSA KITVKNVELL VMKALSVGLV RGSIDEVDKR VHMTWWQPRV LDLQIQGMK DRLELWCTDV KSMEMLVEHQ AQDILT Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	Key Benefits:

Product Details

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	PSMD13
Alternative Name:	Psm13 (PSMD13 Products)
Background:	26S proteasome non-ATPase regulatory subunit 13 (26S proteasome regulatory subunit RPN9) (26S proteasome regulatory subunit S11) (26S proteasome regulatory subunit p40.5),FUNCTION: 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. {ECO:0000250 UniProtKB:Q9UNM6}.
Molecular Weight:	42.8 kDa
UniProt:	Q9WVJ2
Pathways:	Mitotic G1-G1/S Phases , DNA Replication , Synthesis of DNA , Ubiquitin Proteasome Pathway

Application Details

Application Notes: We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.

Restrictions: For Research Use only

Handling

Format: Liquid

Buffer: The buffer composition is at the discretion of the manufacturer.

Handling Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months
