

Datasheet for ABIN7551053

PSMD9 Protein (AA 1-223) (His tag)



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Overview

Quantity:	1 mg
Target:	PSMD9
Protein Characteristics:	AA 1-223
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PSMD9 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat PSMD9 Protein expressed in mammalian cells.
Sequence:	<p>MSDEEARQSG GSSQAGVTV SDVQELMRRK EEIEAQIKAN YDVLESQKGI GMNEPLVDCE</p> <p>GYPRSDVDLY QVRTARHNII CLQNDHKAVM KQVEEALHQL HARDKEKQAR DMAEAHKEAM</p> <p>SRKLGQSESQ GPPRAFAKVN SISPGSPASI AGLQVDDEIV EFGSVNTQNF QSLHNIGSVV</p> <p>QHSEGKPLNV TVIRRGKHHQ LRLVPTRWAG KGLLGCNIP LQR 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.</p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> • 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

Product Details

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, Western Blot
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Grade:	custom-made
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Target Details

Target:	PSMD9
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Alternative Name:	PSMD9 (PSMD9 Products)
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Background:	26S proteasome non-ATPase regulatory subunit 9 (26S proteasome regulatory subunit p27),FUNCTION: Acts as a chaperone during the assembly of the 26S proteasome, specifically of the base subcomplex of the PA700/19S regulatory complex (RC). During the base subcomplex assembly is part of an intermediate PSMD9:PSMC6:PSMC3 module, also known as modulator trimer complex, PSMD9 is released during the further base assembly process. {ECO:0000269 PubMed:19490896}.
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Molecular Weight:	24.7 kDa
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UniProt:	O00233
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Pathways:	Positive Regulation of Peptide Hormone Secretion , Negative Regulation of Hormone Secretion , Mitotic G1-G1/S Phases , DNA Replication , Synthesis of DNA , Ubiquitin Proteasome Pathway
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies as well. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
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Application Details

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