Datasheet for ABIN7551080

PSMG3 Protein (AA 1-122) (His tag)

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Overview

Quantity:	1 mg
Target:	PSMG3
Protein Characteristics:	AA 1-122
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PSMG3 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat PSMG3 Protein expressed in mammalien cells.
Sequence:	MEDTPLVISK QKTEVVCGVP TQVVCTAFSS HILVVVTQFG KMGTLVSLEP SSVASDVSKP VLTTKVLLGQ DEPLIHVFAK NLVAFVSQEA GNRAVLLAVA VKDKSMEGLK ALREVIRVCQ VW **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.**
Characteristics:	Key Benefits: • Made to order protein - from design to production - by highly experienced protein experts. • Protein expressed in mammalien 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).

Product Details

	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
Grade:	custom-made

Target Details

Target:	PSMG3
Alternative Name:	PSMG3 (PSMG3 Products)
Background:	Proteasome assembly chaperone 3 (PAC-3) (hPAC3),FUNCTION: Chaperone protein which promotes assembly of the 20S proteasome. May cooperate with PSMG1-PSMG2 heterodimers to orchestrate the correct assembly of proteasomes. {ECO:0000269|PubMed:17189198}.
Molecular Weight:	13.1 kDa
UniProt:	Q9BT73
Pathways:	Monocarboxylic Acid Catabolic Process

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.
Restrictions:	For Research Use only

Handling

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

Handling

Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months