

Datasheet for ABIN7565249

PMFBP1 Protein (AA 1-1022) (His tag)



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Overview

Quantity:	1 mg
Target:	PMFBP1
Protein Characteristics:	AA 1-1022
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PMFBP1 protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Pmfbp1 Protein expressed in mammalien cells.
Sequence:	<p>MLKLKGELRT AKGLKNEAGE RDRDVSNLNS KLLSLQLDIK NLHDVCKRQG KTLQENQLCV</p> <p>EEAMLKANH N KKQAQTLVFT DNQMDFRVNK QYHLRQLQQL KKKLLTLQQE LEFRTQELQA</p> <p>SYCSLLQYQS ILEKQTSDDL VLHRHCKLKE DEVILYEEEM GNHSKSTGEK LHQAQELAL</p> <p>AGDKILSLER SLNLYRDKYQ TSLSNIELLE CQVKMLEGEL SGLIGQDPEN KGDHPKVRIY</p> <p>TSPCVIQEHQ ETLKRLSEVW QKVSEQDDLI QELRNKLACS NSLVLEREEA LIKLQAEFAS</p> <p>YTATHRHPPT SSEDCEITK ILKHLQEQQD SQCLHVEEYQ NLVKDLRMEL EAVSEQKKKI</p> <p>MKDMMKLELD LHGLREETSC VIEKKDKETV FLQYRLQDLQ QQYTESQKLS LKKDKLLQDK</p> <p>DERLHELEKN LMQVQNSLRE KEAELEKLQC TTKELDTSLQ EARQSTSKID CEALRAEIQK</p> <p>LKDSLEEARE QLKVSDQNL T QSKEEAHLA SSLEDAHRKI ENCLLQDKQK EEVIKDLQSQ</p> <p>LHKLQKESSK IEEERKHNRQ RLQELSSLS EGQRRLSNAE KEKSLQKTL DEDEKKIDEL</p> <p>FHSTQVSEQK QRELTNSIRK LEEELLEIKG LLEEKREQLK KSKEQEKALE EEIEALRQEA</p>

KRKEKMAKEH LRKLDEEKEN LQAELTSRSS HLDSSLNKYN SSQKVIQELN AEIARQKDSI
MILQTQLDSA IQKEKNCFQN MVSKEAYEEL VRKSGNCQDD LTQALEKLTQ ATSETKSLNR
SLQQTQERKA QLEDEIAAYE ERMKKLNMEL KKLQGFQQQS EQEVHNFDDK LEEMSNQVLQ
WQRQHQSCLK MAAKESQLR EFQEEMATLR ESLLADEKEP YSPPAKLTPK ETCRHHREND
QIMNNVEQWA KEQKIANEKL GNKLREQVKY IAKLTGEKDH LHNVMVHLQQ ENKKLKNEIE
EKKLKAGNPR ICVKAFPPNK LEPSQKGKLC CALGWRGIPQ DLTPKTDHKY MGLPHSSGSS YC

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 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, Western Blot

Grade:

custom-made

Target Details

Target:

PMFBP1

Alternative Name:

Pmfbp1 ([PMFBP1 Products](#))

Background:

Polyamine-modulated factor 1-binding protein 1 (PMF-1-binding protein) (Sperm tail-associated protein),FUNCTION: Required for normal spermatogenesis (PubMed:30032984, PubMed:30298696). It functions as a scaffold protein that attaches the sperm head-tail connecting piece to the nuclear envelope, thus maintaining sperm head and tail integrity

Target Details

(PubMed:30032984). May also be involved in the general organization of cellular cytoskeleton.
{ECO:0000269|PubMed:11468771, ECO:0000269|PubMed:30032984,
ECO:0000269|PubMed:30298696}.

Molecular Weight: 119.4 kDa

UniProt: [Q9WVQ0](#)

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 Advice: Avoid repeated freeze-thaw cycles.

Storage: -80 °C

Storage Comment: Store at -80°C.

Expiry Date: 12 months