

Datasheet for ABIN7549362
MEIS3 Protein (AA 1-375) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	MEIS3
Protein Characteristics:	AA 1-375
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MEIS3 protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat MEIS3 Protein expressed in mammalien cells.
Sequence:	MARRYDELPH YPGIVDGPAA LASFPETVPA VPGPYGPHRP PQPLPPGLDS DGLKREKDEI YGHPLFPLLA LVFEKCELAT CSPRDGAGAG LGTPPGGDVC SSSDFNEDIA AFAKQVRSER PLFSSNPELD NLMIQAIQVL RFHLLLELEKV HDLCDNFCHR YITCLKGKMP IDLVIEDRDG GCREFDYP ASCPSLPDQN NMWIRDHEDS GSVHLGTPGP SSGGLASQSG DNSSDQGDGL DTSVASPSSG GEDEDLDQER RRNKKRGIFP KVATNIMRAW LFQHLSHPYP SEEQKKQLAQ DTGLTILQVN NWFINARRRI VQPMIDQSNR TGQGAAFSPE GQPIGGYTET QPHVAVRPPG SVGMSLNLEG EWHYL 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:

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, Western Blot
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Grade:	custom-made
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Target Details

Target:	MEIS3
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Alternative Name:	MEIS3 (MEIS3 Products)
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Background:	Homeobox protein Meis3 (Meis1-related protein 2),FUNCTION: Transcriptional regulator which directly modulates PDPK1 expression, thus promoting survival of pancreatic beta-cells. Also regulates expression of NDFIP1, BNIP3, and CCNG1. {ECO:0000250 UniProtKB:P97368}.
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Molecular Weight:	41.1 kDa
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UniProt:	Q99687
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Pathways:	Chromatin Binding
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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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Restrictions:	For Research Use only
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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