

Datasheet for ABIN7558989
MDFIC Protein (AA 1-247) (His tag)



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Overview

Quantity:	1 mg
Target:	MDFIC
Protein Characteristics:	AA 1-247
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MDFIC protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

Product Details

Purpose:	Custom-made recombinat Mdfic Protein expressed in mammalien cells.
Sequence:	<p>MSCAGEALAP GPAEQQCPVE AGGGRLGSPA HEACNEDNTE KDKRPATSGH TRCGLMRDQS IWPNPSAGEL VRTQPERLPQ LQ TSAQEPGK EETGKIKNGG HTRMSNGNGI PHGAKHVSVE NHKISAPVSQ KMHRIQSSL SVNNDISKKS KVNAVFSPKA ASSPEDCCVH CILACLFCEF LTLCNIVLGQ ASCGICTSEA CCCCCGDEMG DDCSCPCDMD CGIMDACCES SDCLEICMEC CGICFPS 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 mammalien 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:	MDFIC
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Alternative Name:	Mdfic (MDFIC Products)
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Background:	<p>MyoD family inhibitor domain-containing protein (I-mfa domain-containing protein) (Kidney cell line-derived transcript 1),FUNCTION: Required to control the activity of various transcription factors through their sequestration in the cytoplasm. Retains nuclear Zic proteins ZIC1, ZIC2 and ZIC3 in the cytoplasm and inhibits their transcriptional activation. Modulates the expression from cellular promoters. Binds to the axin complex, resulting in an increase in the level of free beta-catenin. Affects axin-regulation of the WNT and JNK signaling pathways. Involved in the development of lymphatic vessel valves (PubMed:35235341). It is required to promote lymphatic endothelial cell migration, in a process that involves down-regulation of integrin beta 1 activation and control of cell adhesion to the extracellular matrix (By similarity). {ECO:0000250 UniProtKB:Q9P1T7, ECO:0000269 PubMed:15207726, ECO:0000269 PubMed:15465018, ECO:0000269 PubMed:35235341}.</p>
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Molecular Weight:	26.1 kDa
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UniProt:	Q8BX65
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Application Details

Application Notes:	In addition to the applications listed above we expect the protein to work for functional studies
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Application Details

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