

Datasheet for ABIN7556699  
**MDFI Protein (AA 1-251) (His tag)**



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## Overview

Quantity:	1 mg
Target:	MDFI
Protein Characteristics:	AA 1-251
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MDFI protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

## Product Details

Purpose:	Custom-made recombinat Mdfi Protein expressed in mammalien cells.
Sequence:	<p>MSQVSGQCPS RCDAPHGVPS AALDPAQTMS LLPGLEVARs THPVEASSEE GFPEEAAPSM          PHDSGLRAQQ ALNSIDLDVP TEAVTCQPQG NPQGCTPLLP NGSSHDHLSE PGSAGHAGNG          ALGGSKAHRK LQTHPSLSGQ AGRKSRGSAR SASQVPLQAQ EGKAPAVRIH RQTASPTCCL          RNAQLSGTAL RSLRLESQGH RELNNKTLsq SNNKKPGVAA HAAIIPALTR PKQNCHDPSL          LPGTHGVGKE F <b>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.</b></p>
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> <li>• Made to order protein - from design to production - by highly experienced protein experts.</li> <li>• Protein expressed in mammalien cells and purified in one-step affinity chromatography</li> <li>• The optimized expression system ensures reliability for intracellular, secreted and</li> </ul>

## 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:	MDFI
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Alternative Name:	Mdfi ( <a href="#">MDFI Products</a> )
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Background:	<p>MyoD family inhibitor (Myogenic repressor I-mf),FUNCTION: Inhibits the transactivation activity of the Myod family of myogenic factors and represses myogenesis. Acts by associating with Myod family members and retaining them in the cytoplasm by masking their nuclear localization signals. Can also interfere with the DNA-binding activity of Myod family members. Plays an important role in trophoblast and chondrogenic differentiation. Regulates the transcriptional activity of TCF7L1/TCF3 by interacting directly with TCF7L1/TCF3 and preventing it from binding DNA. 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.</p> <p>{ECO:0000269 PubMed:11238923, ECO:0000269 PubMed:12192039, ECO:0000269 PubMed:8797820, ECO:0000269 PubMed:9799236}.</p>
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Molecular Weight:	26.0 kDa
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UniProt:	<a href="#">P70331</a>
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Pathways:	<a href="#">Maintenance of Protein Location</a>
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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