

Datasheet for ABIN7549237

MDFI Protein (AA 1-246) (His tag)



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Overview

Quantity:	1 mg
Target:	MDFI
Protein Characteristics:	AA 1-246
Origin:	Human
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:	MYQVSGQRPS GCDAPYGAPS AAPGPAQTLS LLPGLEVVTG STHPAEAAPE EGSLEEAATP MPQGNPGIP QGLDSTDLDV PTEAVTCQPQ GNPLGCTPLL PNDSGHPSEL GGTRRAGNGA LGGPKAHRKL QTHPSLASQG SKKSKSSSKS TTSQIPLQAQ EDCCVHCILS CLFCEFLTLC NIVLDCATCG SCSSEDSCLC CCCCSGECA DCDLPCDLDC GILDACCESA DCLEICMECC GLCFSS 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

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

Grade: custom-made

Target Details

Target: MDFI

Alternative Name: MDFI ([MDFI Products](#))

Background: 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 (By similarity). {ECO:0000250}.

Molecular Weight: 25.0 kDa

UniProt: [Q99750](#)

Pathways: [Maintenance of Protein Location](#)

Application Details

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

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