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Datasheet for ABIN7562476  
**MEF2B Protein (AA 1-349) (His tag)**

## Overview

Quantity:	1 mg
Target:	MEF2B
Protein Characteristics:	AA 1-349
Origin:	Mouse
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MEF2B protein is labelled with His tag.
Application:	SDS-PAGE (SDS), Western Blotting (WB)

## Product Details

Purpose:	Custom-made recombinat Mef2b Protein expressed in mammalien cells.
Sequence:	<p>MGRKKIQISR ILDQRNRQVT FTKRKFGLMK KAYELSVLCD CDIALIIFNS AQRLFQYASS DMDRVLLKYT EYSEPHESRT NADILQTLKR RGVGLDGPPEL DMEEGPEGPG EKLLRTLGGD RGSASPRPRI YPVAPAMSVS ELSYRVPPAT PGCDPGGLGE VPSVHSRPAY FRPPGLGHPI FSPSHLASKT PPPLYLATDG RRPDLPPGLV GARGGLGTSR SLYSGLQSPG APGPALGSFA FLPSGSTDCS PGDAAQGPLQ PSPWPPTRDA VDPARPVARS LCKEGPPSRG ASPPTPPVSI KSERLSPVTG TSGDFPRSFP YPLLLARPLA EPLRPSASLH RLTPDSWPR <b>Sequence without tag.</b></p> <p><b>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:	Key Benefits:

## Product Details

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- 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.

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Purity: > 90 % as determined by Bis-Tris Page, Western Blot

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Grade: custom-made

## Target Details

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Target: MEF2B

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Alternative Name: Mef2b ([MEF2B Products](#))

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Background: Myocyte-specific enhancer factor 2B,FUNCTION: Transcriptional activator which binds specifically to the MEF2 element, 5'-YTA[AT](4)TAR-3', found in numerous muscle-specific genes. Activates transcription via this element. May be involved in muscle-specific and/or growth factor-related transcription. {ECO:0000269|PubMed:8668199, ECO:0000269|PubMed:9443808}.

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Molecular Weight: 37.4 kDa

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UniProt: [O55087](#)

## Application Details

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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

## Handling

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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