

Datasheet for ABIN7554510
MEF2D Protein (AA 1-521) (His tag)



[Go to Product page](#)

Overview

Quantity:	1 mg
Target:	MEF2D
Protein Characteristics:	AA 1-521
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This MEF2D protein is labelled with His tag.
Application:	Western Blotting (WB), SDS-PAGE (SDS)

Product Details

Purpose:	Custom-made recombinat MEF2D Protein expressed in mammalian cells.
Sequence:	<p>MGRKKIQIQRI TDERNRQVT FTKRKFGMLK KAYELSVLCD CEIALIIFNH SNKLFQYAST</p> <p>DMDKVLLKYT EYNEPHESRT NADIIETLRK KGFNGCDSPE PDGEDSLEQS PLLEDKYRRA</p> <p>SEELDGLFRR YGSTVPAPNF AMPVTPVPSN QSSLQFSNPS GSLVTPSLVT SSLTDPRLLS</p> <p>PQQPALQRNS VSPGLPQRPA SAGAMLGGDL NSANGACPSP VGNGYVSARA SPGLLPVANG</p> <p>NSLNKVIPAK SPPPPHSTQ LGAPSRKPD LRVITSQAGKG LMHHLTEDHL DLNNAQRLGV</p> <p>SQSTHSLTTP VVSVATPSLL SQGLPFSSMP TAYNTDYQLT SAELSSLP AFSSPGGLSLGN</p> <p>VTAWQQPQQP QQPQQPQQP QQPQQPQQP QQPQQPQQP PQQQSHLVPV SLSNLIPGSP</p> <p>LPHVGAALTV TTHPHISIKS EPVSPSRERS PAPPPPAVFP AARPEPGDGL SSPAGGSYET</p> <p>GDRDDGRGDF GPTLGLLRPA PEPEAEGSAV KRMRLDTWTL K</p> <p>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</p>

request, please contact us.

Characteristics:**Key Benefits:**

- 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

Grade:

custom-made

Target Details

Target:

MEF2D

Alternative Name:

MEF2D ([MEF2D Products](#))

Background:

Myocyte-specific enhancer factor 2D, FUNCTION: Transcriptional activator which binds specifically to the MEF2 element, 5'-YTA[AT](4)TAR-3', found in numerous muscle-specific, growth factor- and stress-induced genes. Mediates cellular functions not only in skeletal and cardiac muscle development, but also in neuronal differentiation and survival. Plays diverse roles in the control of cell growth, survival and apoptosis via p38 MAPK signaling in muscle-specific and/or growth factor-related transcription. Plays a critical role in the regulation of neuronal apoptosis (By similarity). {ECO:0000250, ECO:0000269|PubMed:10849446, ECO:0000269|PubMed:11904443, ECO:0000269|PubMed:12691662, ECO:0000269|PubMed:15743823, ECO:0000269|PubMed:15834131}.

Molecular Weight:

55.9 kDa

UniProt:

[Q14814](#)

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.
--------------------	--

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