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Datasheet for ABIN1472739

**MEF2C Protein (AA 1-463) (His tag)**

## Overview

Quantity:	1 mg
Target:	MEF2C
Protein Characteristics:	AA 1-463
Origin:	Pig
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MEF2C protein is labelled with His tag.
Application:	ELISA

## Product Details

Sequence:	MGRKKIQITR IMDERNRQVT FTKRKFGMLK KAYELSVLCD CEIALIIFNS TNKLFQYAST DMDKVLLKYT EYNEPHESRT NSDIVEALNK KENKGCESPD PDSSYALTPTREEKYKKINE EFDNMIKSHK IPAVPPPNFE MPVSIPVSSH NSLVYSNPVS SLGNPNFLPL AHPSLQRNSM SPGVTHRPPS AGNTGGLMGG DLTSGAGTSA GNGYGNPRNS PGLLVSPGNL NKNMQAKSPP PMNLGMNNRK PDLRVLIPPG SKNTMPSVSQ RINNSQSAQS LATPVVSVAT PTLPGQGMGG YPSAISTTYG TEYSLSSADL SSLSGFNTAS ALHLGSVTGW QQQHLHNMPP SALSQLGACT STHLSQSSNL SLPSTQSLNI KSEPVSPPRD RTTTPSRYPQ HTRHEAGRSP VDSLSSCSSS YDGSDREDHR NEFHSPIGLT RPSPDERESP SVKRMRLSEG WAT
Specificity:	Sus scrofa (Pig)
Characteristics:	Please inquire if you are interested in this recombinant protein expressed in E. coli, mammalian cells or by baculovirus infection. Be aware about differences in price and lead time.

## Product Details

Purity: > 90 %

## Target Details

Target: MEF2C

Alternative Name: Myocyte-specific enhancer factor 2C (MEF2C) ([MEF2C Products](#))

Background: Recommended name: Myocyte-specific enhancer factor 2C

UniProt: [A4UTP7](#)

Pathways: [Neurotrophin Signaling Pathway](#), [Activation of Innate immune Response](#), [Cellular Response to Molecule of Bacterial Origin](#), [Carbohydrate Homeostasis](#), [Chromatin Binding](#), [Regulation of Muscle Cell Differentiation](#), [Skeletal Muscle Fiber Development](#), [Toll-Like Receptors Cascades](#), [BCR Signaling](#)

## Application Details

Comment: The yeast protein expression system is the most economical and efficient eukaryotic system for secretion and intracellular expression. A protein expressed by the mammalian cell system is of very high-quality and close to the natural protein. But the low expression level, the high cost of medium and the culture conditions restrict the promotion of mammalian cell expression systems. The yeast protein expression system serve as a eukaryotic system integrate the advantages of the mammalian cell expression system. A protein expressed by yeast system could be modified such as glycosylation, acylation, phosphorylation and so on to ensure the native protein conformation. It can be used to produce protein material with high added value that is very close to the natural protein. Our proteins produced by yeast expression system has been used as raw materials for downstream preparation of monoclonal antibodies.

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Concentration: 0.2-2 mg/mL

Buffer: Tris-based buffer, 50 % glycerol

Handling Advice: Repeated freezing and thawing is not recommended. Store working aliquots at 4 °C for up to one week

## Handling

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Storage: -20 °C

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Storage Comment: Store at -20 °C, for extended storage, conserve at -20 °C or -80 °C.