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Datasheet for ABIN1622310 MEF2A Protein (AA 1-495) (His tag)

Overview

Quantity:	1 mg
Target:	MEF2A
Protein Characteristics:	AA 1-495
Origin:	Rat
Source:	Yeast
Protein Type:	Recombinant
Purification tag / Conjugate:	This MEF2A protein is labelled with His tag.
Application:	ELISA

Product Details

Sequence:	<p>MGRKKIQITR IMDERNRQVT FTKRKFGMLK KAYELSVLCD CEIALIFNS SNKLFQYAST</p> <p>DMDKVLLKYT EYNEPHESRT NSDIVEALNK KEHRGCDSPD PDTSYVLTPH TEEKYKKINE</p> <p>EFDNMMRNHK IAPGLPPQNF SMSVTVPVTS PNALSYTNPG SSLVSPSLAA SSTLAESSML</p> <p>SPPPATLHRN VSPGAPQRPP STGSAGGMLS TTDLTVPNGA GNGPVGNGFV DSRASPNLIG</p> <p>NTGANSVGKV MPTKSPPPPG GGSVGMNSRK PDLRVVIPPS SKGMMPLNA QRISSSQATQ</p> <p>PLATPVSVT TPSLPPQGLV YSAMPTAYNT DYSLTSADLS ALQGFTSPGM LSLGQASAWQ</p> <p>QHHLGQAALS SLVAGGQLSQ GSNLSINTNQ NINIKTEPIS PPRDRMTPSG FQQQQQQQPQ</p> <p>QQPPPQQPPQ QPQPRQEMGR SPVDSLSSSS SSYDGSRED PRGDFHSPIV LGRPPNAEDR</p> <p>ESPSVKRMRM DTWVT</p>
Specificity:	Rattus norvegicus (Rat)
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: MEF2A

Alternative Name: Myocyte-specific enhancer factor 2A (Mef2a) ([MEF2A Products](#))

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

UniProt: [Q2MJT0](#)

Pathways: [Neurotrophin Signaling Pathway](#), [Activation of Innate immune Response](#), [Carbohydrate Homeostasis](#), [Chromatin Binding](#), [Regulation of Muscle Cell Differentiation](#), [Toll-Like Receptors Cascades](#)

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 modiflicated 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

Storage: -20 °C

Handling

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