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Produktinformation

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- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

MEF2A (Human) Recombinant Protein (P01)

Catalog Number: H00004205-P01

Regulation Status: For research use only (RUO)

Product Description: Human MEF2A full-length ORF (AAH13437, 1 a.a. - 499 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
MGRKKIQITRIMDERNRQVTFTKRKFGLMKKAYELSVL
CDCEIALIIFNSSNKLFQYASTDMDKVLLKYTEYNEPHE
SRTNSDIVEALNKKEHRGCDSPDPDTSYVLTPHTEEK
YKKINEEFDNMMRNHKIAPGLPPQNFSMSVTVPVTSP
NALSYTNPGSSLVSPSLAASSTLTDSSMLSPPQTTLHR
NVSPGAPQRPPSTGNAGGMLSTTDLTVPNGAGSSPV
GNGFVNSRASPNLIGATGANSLGKVMPTKSPPPPGG
GNLGMNSRRPDLRVVIPPSSKGMMPPLNTQRISSSQA
TQPLATPVVSVTTPSLPPQGLVYSAMPTAYNTDYSLTS
ADLSALQGFNSPGMLSLGQVSAWQQHHLGQAALSSL
VAGGQLSQGSNLSINTNQNISIKSEPISPPRDRMTPSG
FQQQQQQQQQQPPPPPQPQPQPPQPQPRQEMGR
SPVDSLSSSSSSYDGSDREDPRGDFHSPIVLGRPPNT
EDRESPSVKRMRMDAWVT

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 80.41

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Preparation Method: *in vitro* wheat germ expression system

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 4205

Gene Symbol: MEF2A

Gene Alias: ADCAD1, RSRFC4, RSRFC9

Gene Summary: The process of differentiation from mesodermal precursor cells to myoblasts has led to the discovery of a variety of tissue-specific factors that regulate muscle gene expression. The myogenic basic helix-loop-helix proteins, including myoD (MIM 159970), myogenin (MIM 159980), MYF5 (MIM 159990), and MRF4 (MIM 159991) are one class of identified factors. A second family of DNA binding regulatory proteins is the myocyte-specific enhancer factor-2 (MEF2) family. Each of these proteins binds to the MEF2 target DNA sequence present in the regulatory regions of many, if not all, muscle-specific genes. The MEF2 genes are members of the MADS gene family (named for the yeast mating type-specific transcription factor MCM1, the plant homeotic genes 'agamous' and 'deficiens' and the human serum response factor SRF (MIM 600589)), a family that also includes several homeotic genes and other transcription factors, all of which share a conserved DNA-binding domain.[supplied by OMIM]