

Recombinant Full Length Human MEF2C Protein, GST-tagged

Cat. No. MEF2C-6260HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human MEF2C full-length ORF (AAH26341.1, 1 a.a. - 469 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	469 amino acids
Description	This locus encodes a member of the MADS box transcription enhancer factor 2 (MEF2) family of proteins, which play a role in myogenesis. The encoded protein, MEF2 polypeptide C, has both trans-activating and DNA binding activities. This protein may play a role in maintaining the differentiated state of muscle cells. Mutations and deletions at this locus have been associated with severe mental retardation, stereotypic movements, epilepsy, and cerebral malformation. Alternatively spliced transcript variants have been described. [provided by RefSeq, Jul 2010]
Molecular Mass	77.3 kDa
AA Sequence	MGRKKIQITRIMDERNRQVTFTKRKFGLMKKAYELSVLCDCEIALIIFNSTNKLQFYAS TDMDKVLLKYTEYNEQHESRTNSDIVETLRKKGLNGCDSPDPDADDSVGHSPESD KYRKINEDIDLMISRQRLCAVPPPNFEMPVSIPVSSHNSLVYSNPVSSLGNPNLLPLA HPSLQRNSMSPGVTHRPPSAGNTGGLMGGDLTSGAGTSAGNGYGNPRNSPGLLV SPGNLNKNMQAKSPPPMNLGMNNRKPDLRVLIIPPGSKNTMPSVSEDVDLLLNRIN NSQSAQSLATPVVSVATPTLPGQGMGGYPSAISTTYGTEYSLSSADLSSLSGFNTAS

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

ALHLGSVTGWQQQHLHNMQPSALSQLGACTSTHLSQSSNLSLPSTQSLNIKSEPVS
PPRDRTTTPSRYPQHTRHEAGRSPVDSLSSCSSSYDGSREDHRNEFHSPIGLTRP
SPDERESPSVKRMRLSE

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer

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

GENE INFORMATION

Gene Name

MEF2C myocyte enhancer factor 2C [Homo sapiens]

Official Symbol

MEF2C

Synonyms

MEF2C; myocyte enhancer factor 2C; myocyte-specific enhancer factor 2C; MADS box transcription enhancer factor 2, polypeptide C; C5DELq14.3; DEL5q14.3;

Gene ID

4208

mRNA Refseq

NM_001131005

Protein Refseq

NP_001124477

MIM

600662

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UniProt ID

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