

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	<p>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]</p>
Molecular Mass	77.3 kDa
AA Sequence	<p>MGRKKIQITRIMDERNRQVTFTRKRFGLMCKAYELSVLCDCEIALIIFNSTNKLQFYAS TDMDKVLLKYTEYNEQHESRTNSDIVETLRKKGLNGCDSPDPDADDSVGHSPESD KYRKINEDIDLISRQRLCAVPPPNFEMPVSIPVSSHNSLVYSNPVSSLGNPNLLPLA HPSLQRNSMSPGVTHRPPSAGNTGGLMGGDLTSGAGTSAGNGYGNPRNSPGLLV SPGNLNKNMQAKSPPPMNLGMNMRKPDRLRVLIPPGSKNTMPSVSEDVDLLLNRIN NSQSAQSLATPVVSVATPTLPGQGMGGYPSAISTTYGTEYSLSSADLSSLSGFNTAS</p>

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ALHLGSVTGWQQQHLHNMQPSALSQLGACTSTHLSQSSNLSLPSTQSLNIKSEPVS
 PPRDRTTTTSPRYPQHTRHEAGRSPVDSLSSCSSSYDGSREDHRNEFHSPIGLTRP
 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

Q06413

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