

Recombinant Full Length Human MEF2C Protein

Cat. No. MEF2C-310HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant full length Human MEF2C with N terminal proprietary tag, 77.66kDa inclusive of tag.
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.
Form	Liquid
Molecular Mass	77.660kDa inclusive of tags
AA Sequence	MGRKKIQITRIMDERNRQVTFTKRKFGLMCKAYELSVLCD CEIALIIFNSTNKLQFYAS TDMDKVLLKYTEYNEQHESE RTNSDIVETLRKKGLNGCDSPDPDADDSVGHSPSE DKYR KINEDIDLMISRQRLCAVPPPNFEMPVSIPVSSHNSLV YSNPVSSLGNPNLLP LAHPSLQRNSMSPGVTHRPPSAGNT GGMLGGDLTSGAGTSAGNGYGNPRNSPGL

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LVSPGNLNK NMQAKSPPPMNLGMNNRKPDLRVLIPPGSKNTMPSVSEDV DLLLNQ
 RINNSQSAQSLATPVVSVATPTLPGQGMGGYP SAISTTYGTEYSLSSADLSSLSGFN
 TASALHLGSVTGWQQ QHLHNMQPSALSQLGACTSTHLSQSSNLSLPSTQSLNI KS
 EPVSPPRDRTTTTPSRYPQHTRHEAGRSPVDSLSSCSSS YDGSREDHRNEFHSP
 GLTRPSPDERESPSVKRMRLS E

Purity Proprietary Purification

Storage Shipped on dry ice. Upon delivery aliquot and store at -80 centigrade. Avoid freeze / thaw cycles.

Storage Buffer pH: 8.00. Constituents:0.79% Tris HCl, 0.31% Glutathione.

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

Gene ID 4208

mRNA Refseq NM_001131005

Protein Refseq NP_001124477

MIM 600662

UniProt ID Q06413

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