

# Recombinant Full Length Human MEF2C Protein

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

## SPECIFICATION

<b>Product Overview</b>	Recombinant full length Human MEF2C with N terminal proprietary tag, 77.66kDa inclusive of tag.
<b>Species</b>	Human
<b>Source</b>	In Vitro Cell Free System
<b>ProteinLength</b>	469 amino acids
<b>Description</b>	<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.</p>
<b>Form</b>	Liquid
<b>Molecular Mass</b>	77.66kDa inclusive of tags
<b>AA Sequence</b>	<p>MGRKKIQITRIMDERNRQVTFTRKRFGLMCKAYELSVLCD CEIALIIFNSTNKLQFYAS            TDMDKVLLKYTEYNEQHES RTNSDIVETLRKKGLNGCDSPDPDADDSVGHSPSE            DKYR KINEDIDLISRQRLCAVPPPNFEMPVSIPVSSHNSLV YSNPVSSLGNPNLLP            LAHPSLQRNSMSPGVTHRPPSAGNT GGLMGGDLTSGAGTSAGNGYGNPRNSPGL</p>

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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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