

# Recombinant Human MEF2C Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MEF2C-811H Lot. No. (See product label)

## SPECIFICATION

<b>Product Overview</b>	MEF2C MS Standard C13 and N15-labeled recombinant protein (NP_002388) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
<b>Species</b>	Human
<b>Source</b>	HEK293
<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 cognitive disability, stereotypic movements, epilepsy, and cerebral malformation. Alternatively spliced transcript variants have been described.</p>
<b>Molecular Mass</b>	51 kDa
<b>AA Sequence</b>	<p>MGRKKIQITRIMDERNRQVTFTRKRFGLMKKAYELSVLCDCEIALIIFNSTNKLQFYAS            TDMDKVLKYTEYNEPHESRTNSDIVETLRKKGLNGCDSPDPDADDSVGHSPESD            KYRKINEDIDLISRQRLCAVPPPNFEMPVSIPVSSHNSLVSNPVSLLGNPNLLPLA            HPSLQRNSMSPGVTHRPPSAGNTGGLMGGDLTSGAGTSAGNGYGNPRNSPGLLV            SPGNLNKNMQAKSPPPMNLGMNMRKPDRLRVLIPPGSKNTMPSVSEDVDLLLNRIN            NSQSAQSLATPVVSVATPTLPGQGMGGYPSAISTTYGTEYSLSSADLSSLSGFNTAS</p>

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

ALHLGSVTGWQQQHLHNMPPSALSQLGACTSTHLSQSSNLSLPSTQSLNIKSEPVSP  
 PPRDRTTTTSPRYPQHTRHEAGRSPVDSLSSCSSSYDGSREDHRNEFHSPIGLTRP  
 SPDERESPSVKRMRLSEGWATTRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Purity** > 80% as determined by SDS-PAGE and Coomassie blue staining

**Stability** Stable for 3 months from receipt of products under proper storage and handling conditions.

**Storage** Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

**Concentration** 50 µg/mL as determined by BCA

**Storage Buffer** 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

## GENE INFORMATION

**Gene Name** MEF2C myocyte enhancer factor 2C [ Homo sapiens (human) ]

**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\_002397

**Protein Refseq** NP\_002388

**MIM** 600662

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

UniProt ID

Q06413

SDS-PAGE



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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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