

Recombinant Human MEF2D Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. MEF2D-308H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MEF2D MS Standard C13 and N15-labeled recombinant protein (NP_005911) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene is a member of the myocyte-specific enhancer factor 2 (MEF2) family of transcription factors. Members of this family are involved in control of muscle and neuronal cell differentiation and development, and are regulated by class II histone deacetylases. Fusions of the encoded protein with Deleted in Azoospermia-Associated Protein 1 (DAZAP1) due to a translocation have been found in an acute lymphoblastic leukemia cell line, suggesting a role in leukemogenesis. The encoded protein may also be involved in Parkinson disease and myotonic dystrophy. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2012]
Molecular Mass	55.9 kDa
AA Sequence	MGRKKIQIRITDERNRQVTFTKRKFGLMKKAYELSVLCDCEIALIIFNHSNKLQYAS TDMDKVLLKYTEYNEPHESRTNADIETLRKKGFNGCDSPEPDGDSLEQSPLLEDK YRRASEELDGLFRRYGSTVPAPNFAMPVTVPSVSNQSSLQFSNPSGSLVTPSLVTSS LTDPRLLSPQQPALQRNSVSPGLPQRPASAGAMLGGDLNSANGACPSVGNQYVS

 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

ARASPGLLPVANGNSLNKVIPAKSPPPPTHSTQLGAPSRKPDLRVITSQAGKGLMHH
 LTEDHLDLNNAQRLGVSQSTHSLTTPVVSATPSLLSQGLPFSSMPTAYNTDYQLTS
 AELSSLPAFSSPGGLSLGNVTAWQQPQQPQQPQQPQQPQQPQQPQQPQQPQQP
 QQPQQPQQQSHLVPVLSNLIPGSPLPHVGAALTVTTHPHISIKSEPVSPSRERSP
 APPPPAVFPAARPEPGDGLSSPAGGSYETGDRDDGRGDFGPTLGLLRPAPEPEAE
 GSAVKRMRLDTWTLKTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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	MEF2D myocyte enhancer factor 2D [Homo sapiens (human)]
Official Symbol	MEF2D
Synonyms	MEF2D; myocyte enhancer factor 2D; myocyte-specific enhancer factor 2D; MEF2D/DAZAP1 fusion; MADS box transcription enhancer factor 2, polypeptide D (myocyte enhancer factor 2D); myocyte enhancer factor 2D/deleted in azoospermia associated protein 1 fusion protein; DKFZp686I1536;
Gene ID	4209

 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

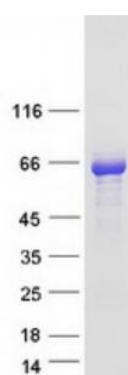
mRNA Refseq [NM_005920](#)

Protein Refseq [NP_005911](#)

MIM [600663](#)

UniProt ID [Q14814](#)

SDS-PAGE



 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