

Recombinant Full Length Human MEF2D Protein

Cat. No. MEF2D-598HFL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Full Length Human MEF2D Protein, fused to Flag-tag at C-terminus, was expressed in Mammalian cells.
Species	Human
Source	Mammalian Cells
ProteinLength	1-521 a.a.
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.
Form	25 mM Tris HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	55.8 kDa
AA Sequence	MGRKKIQIRITDERNRQVTFTKRKFGLMKKAYELSVLCDCEIALIIFNHSNKLQFYAS TDMDKVLLKYT EYNEPHESRTNADIETLRKKGFNGCDSPEPDGEDSLEQSPILLEDK YRRASEELDGLFRRYGSTVPAPNF AMPVTVPVSNQSSLQFSNPSGSLVTPSLVTSS

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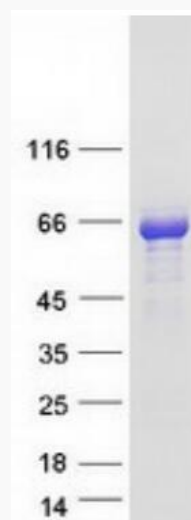
 Email: info@creative-biomart.com  Fax: 1-631-938-8127

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

Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining.
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 ug/mL as determined by microplate BCA method.
Preparation	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Protein Families	Transcription Factors
Full Length	Full L.

Gene Name	MEF2D myocyte enhancer factor 2D [Homo sapiens (human)]
Official Symbol	MEF2D

Synonyms	DKFZp686I1536
Gene ID	4209
mRNA Refseq	NM_005920.4
Protein Refseq	NP_005911.1
MIM	600663
UniProt ID	Q14814



Coomassie blue staining of purified MEF2D protein.