

Product datasheet for PH308748

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

MEF2D (NM_005920) Human Mass Spec Standard

Product data:

Product Type: Mass Spec Standards

Description: MEF2D MS Standard C13 and N15-labeled recombinant protein (NP_005911)

Species:HumanExpression Host:HEK293

Expression cDNA Clone

ne RC208748

or AA Sequence: Predicted MW:

55.9 kDa

Protein Sequence: >RC208748 protein sequence

Red=Cloning site Green=Tags(s)

MGRKKIQIQRITDERNRQVTFTKRKFGLMKKAYELSVLCDCEIALIIFNHSNKLFQYASTDMDKVLLKYT EYNEPHESRTNADIIETLRKKGFNGCDSPEPDGEDSLEQSPLLEDKYRRASEELDGLFRRYGSTVPAPNF AMPVTVPVSNQSSLQFSNPSGSLVTPSLVTSSLTDPRLLSPQQPALQRNSVSPGLPQRPASAGAMLGGDL NSANGACPSPVGNGYVSARASPGLLPVANGNSLNKVIPAKSPPPPTHSTQLGAPSRKPDLRVITSQAGKG LMHHLTEDHLDLNNAQRLGVSQSTHSLTTPVVSVATPSLLSQGLPFSSMPTAYNTDYQLTSAELSSLPAF SSPGGLSLGNVTAWQQPQQPQQPQQPQQPPQQQPQQPQQPQQPQQPQQPQQSHLVPVSLSNLIPGSPLPHVGAALTVTTHPHISIKSEPVSPSRERSPAPPPPAVFPAARPEPGDGLSSPAGGSYETGDRDDGRGDF

GPTLGLLRPAPEPEAEGSAVKRMRLDTWTLK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag: C-Myc/DDK

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

Concentration: >0.05 μg/μL as determined by microplate BCA method

Labeling Method: Labeled with [U- 13C6, 15N4]-L-Arginine and [U- 13C6, 15N2]-L-Lysine

Buffer: 25 mM Tris-HCl, 100 mM glycine, pH 7.3

Storage: Store at -80°C. Avoid repeated freeze-thaw cycles.

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

RefSeq: NP 005911

RefSeq Size: 5996 RefSeq ORF: 1563



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 Locus ID:
 4209

 UniProt ID:
 Q14814

 Cytogenetics:
 1q22

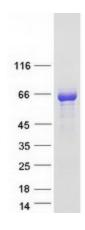
Summary: This gene is a member of the myocyte-specific enhancer factor 2 (MEF2) family of

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]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified MEF2D protein (Cat# [TP308748]). The protein was produced from HEK293T cells transfected with MEF2D cDNA clone (Cat# [RC208748]) using MegaTran 2.0 (Cat# [TT210002]).