

Product datasheet for **TP312830L**

MEF2A (NM_005587) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human myocyte enhancer factor 2A (MEF2A), transcript variant 1, 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC212830 representing NM_005587
Clone or AA Sequence:	Red=Cloning site Green=Tags(s)

MGRKKIQITRIMDERNRQVTFTKRKFGLMKKAYELSVLCDCEIALIIFNSSNKLQYASTDMDKVLLKYT
EYNPHESTRNSDIVEALNKKEHRGCDSPDPDTSYVLTPTHEEKYKKINEEFDNMMRNHAKIAPGLPPQNF
SMSVTVPVTPNALSYTNPGSSLVSPSLAASSTLTDSMMLSPQTTLHRNVSPGAPQRPPSTGNAGGMLS
TTDLTVPNGAGSSPVGNFVNSRASP NLIGATGANS LGKVMPTKSPPPPGGGNLGMNSRKPDLRVIPPS
SKGMMPPLNTQRISSSQATQPLATPVVSVTTPSLPPQGLVYSAMPTAYNTDYSLSADLSALQGFNSPGM
LSLGQVSAWQQHHLGQAALSSLVAGGQLSQGSNLSINTNQNISIKSEPIPPRDRMTPSGFQQQQQQQQ
QQPPPPQPQPQPQPQRQEMGRSPVDSLSSSSSYDGS DREDPRGDFHSPIVLGRPPNTEDRESPVK
RMRMDAWWT

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	53.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.



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RefSeq: [NP_005578](#)

Locus ID: 4205

UniProt ID: [Q02078](#), [A0A0S2Z4N0](#), [A0A0S2Z454](#)

RefSeq Size: 2975

Cytogenetics: 15q26.3

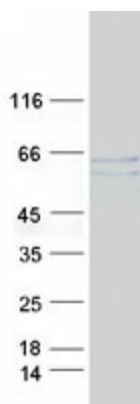
RefSeq ORF: 1497

Synonyms: ADCAD1; mef2; RSRFC4; RSRFC9

Summary: The protein encoded by this gene is a DNA-binding transcription factor that activates many muscle-specific, growth factor-induced, and stress-induced genes. The encoded protein can act as a homodimer or as a heterodimer and is involved in several cellular processes, including muscle development, neuronal differentiation, cell growth control, and apoptosis. Defects in this gene could be a cause of autosomal dominant coronary artery disease 1 with myocardial infarction (ADCAD1). Several transcript variants encoding different isoforms have been found for this gene.[provided by RefSeq, Jan 2010]

Protein Families: Transcription Factors

Product images:



Coomassie blue staining of purified MEF2A protein (Cat# [TP312830]). The protein was produced from HEK293T cells transfected with MEF2A cDNA clone (Cat# [RC212830]) using MegaTran 2.0 (Cat# [TT210002]).