

Product datasheet for **TP312830M**

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, 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA	>RC212830 representing NM_005587
Clone or AA Sequence:	Red =Cloning site Green =Tags(s)

MGRKKIQITRIMDERNRQVTFTKRKFGLMKKAYELSVLCDCEIALIIFNSSNKLQYASTDMDKVLLKYT
EYNEPHESRTNSDIVEALNKKEHRGCDSPDPDTSYVLTPTHEEKYKKINEEFDNMMRNHKKIAPGLPPQNF
SMSVTVPVTPSNALSYTNPGSSLVSPSLAASSTLTSSMLSPQTTLHRNVSPGAPQRPPSTGNAGGMLS
TTDLTVPNGAGSSPVGNGFVNSRASPNIIGATGANS LGKVMPTKSPPPPGGGNLGMNSRKPDLRVIPPS
SKGMMPLNTQRISSSQATQPLATPVVSVTTPSLPPQGLVYSAMPTAYNTDYSLSADLSALQGFNSPGM
LSLGQVSAWQQHHLGQAALSSLVAGGQLSQQSNLSINTNQNISIKSEIPSPRDRMTPSGFQQQQQQQQ
QQPPPPQPQPQPQPQPQEMGRSPVDSLSSSSSYDGSREDPRGDFHSPIVLGRPPNTEDRESPVK
RMRMDAWVT

SGPTRRRLEQKLISEEDLAANDILDYKDDDDKV

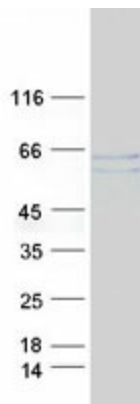
Tag:	C-Myc/DDK
Predicted MW:	53.7 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity 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.



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Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
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]).