

Product datasheet for TP508152

Mef2d (NM_133665) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse myocyte enhancer factor 2D (Mef2d), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208152 representing NM_133665 Red =Cloning site Green =Tags(s)
	MGRKKIQIRITDERNRQVTFTRKRFGLMCKKAYELSVLCDCEIALIIFNHSNKLQYASTDMDKVLKKT EYNEPHERSTNADIETLRKKGFGNGCDSPEPDGEDSLEQSPILLEDKYRRASEELDGLFRRYGSSVPAPNF AMPVTVVSNQSSMQFSNPSSSLVTPSLVTSSLTDPRLLSQPQALQRNSVSPGLPQRASAGAMLGDDL NSANGACPSVGNQYVSARASGLLPVANGNSLNKVIPAKSPPPPTHNTQLGAPSRKPDLRVITSQGGKG LMHHLNNAQRLGVSQSTHSLTTPVSVATPSLLSQGLPFSSMPTAYNTDYQLPSAELSSLPAFSSPAGLA LGNVTAWQQP HISIKSEPVSPSRERSPAPPPPAVFPAARPEPGEGLSSPAGGSYETGDRDDGRGDFGPTLGLLRPAPEPE AEGSAVKRMLDWTWK TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	54.7 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
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 after receiving vials.
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_598426



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Locus ID: 17261

UniProt ID: [Q921S6](#)

RefSeq Size: 2459

Cytogenetics: 3 38.78 cM

RefSeq ORF: 1521

Synonyms: C80750

Summary: Transcriptional activator which binds specifically to the MEF2 element, 5'-YTA[AT](4)TAR-3', found in numerous muscle-specific, growth factor- and stress-induced genes. Mediates cellular functions not only in skeletal and cardiac muscle development, but also in neuronal differentiation and survival. Plays diverse roles in the control of cell growth, survival and apoptosis via p38 MAPK signaling in muscle-specific and/or growth factor-related transcription. Plays a critical role in the regulation of neuronal apoptosis.[UniProtKB/Swiss-Prot Function]