

Product datasheet for **TP315687M**

MRTFB (NM_014048) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human MKL/myocardin-like 2 (MKL2), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC215687 representing NM_014048 Red =Cloning site Green =Tags(s)

MDHTGAIDTEDEVGPLAHLAPSPQSEAVAHEFQELSLQSSQNLPLNERKNVLQLRLQQRRTREQLVDQ
G
IMPPLKSPAAFHEQIKSLERARTENFLKHKIRSRPDRSELVRMHILEETFAEPSLQATQMKLKRRLADD
LNEKIAQRPGMELVEKNILPVDSSVKEAIGVGKEDYPHTQGDFSDEDEDSSDALSPDQPASQESQGSAA
SPSEPKVSESPSPVTTNTPAQFASVSPTVPEFLKTPPTADQPPPRPAAPVLPNTNTVSSAKPGPALVKQSH
PKNPNDKHRSKCKDKPRVKKLKYHQYIPPDQKGEKNEPQMDSNYARLLQQQLFLQLQLSQQKQH
YN
YQTILPAPFKPLNDKNSNSGNSALNNATPNTPRQNTSTPVRKPGPLPSSDDLKSELKTELKRLGPLVS
GTPKDLIERLKPYPQEVNSSGLAAGGIVAVSSSAIVTSNPEVTVALPVTLHNTVTSSVSTLKAELPPTGT
SNATRVENVHSPLPISPSPSEQSSLSTDDTNMADTFTEIMTMMSPSQFLSSPLRMTNNEDSLSPTSSTL
SNLELDAAEKDRKLQEKEKQIEELKRKLEQEQLVEVLKMQLEVEKRGQQRPLEAQPAPGHSVKSDQK
HGSLGSSIKDEASLPDCSSSRQPIPVASHAVGQPVSTGGQTLVAKKAVIKQEVVPGQAEQQSVVSQFYT
SPQAGMQTQPQIATAAQIPTAALASGLAPTVPQTQDTFPQHVLSQPQQVRKVFNTSASSNTVLPYQRHP
A
PAVQQPFINKASNSVLQSRNAPLPSLQNGPNTPNKPSSPPPPQQFVQHSFLGSPVAKTKDPPRYEEAIK
QTRSTQAPLPEISNAHSQQMDDLFDILIKSGEISLPIKEEPSISKMRPVASITTMPVNTVWSRPPQV
QMAPPVSLEPMGSLASLENQLEAFLDGTLPANEIPPLQSSSEDREPFSIEDLQNDLLSHSGMLDHS
SPMETSETQFAAGTPCLSLDLSNLDNMEWLDITMPNSSSGLTPLSTTAPSMFSADFLDPQDLPLPWD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

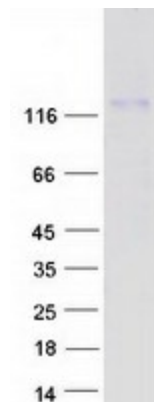
Tag:	C-Myc/DDK
Predicted MW:	113.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining



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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.
RefSeq:	NP_054767
Locus ID:	57496
UniProt ID:	Q9ULH7
RefSeq Size:	8680
Cytogenetics:	16p13.12
RefSeq ORF:	3147
Synonyms:	MKL2; MRTF-B; NPD001
Summary:	Acts as a transcriptional coactivator of serum response factor (SRF). Required for skeletal myogenic differentiation.[UniProtKB/Swiss-Prot Function]
Protein Families:	Transcription Factors

Product images:



Coomassie blue staining of purified MRTFB protein (Cat# [TP315687]). The protein was produced from HEK293T cells transfected with MRTFB cDNA clone (Cat# [RC215687]) using MegaTran 2.0 (Cat# [TT210002]).