

Recombinant Human MRTFB Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. MRTFB-1981H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	MKL2 MS Standard C13 and N15-labeled recombinant protein (NP_054767) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	Acts as a transcriptional coactivator of serum response factor (SRF). Required for skeletal myogenic differentiation
Molecular Mass	113.9 kDa
AA Sequence	MDHTGAIDTEDEVGPLAHLAPSPQSEAVAHEFQELSLQSSQNLPLNERKNVLQLRL QQRRTREQLVDQGIMPPKSPAAFHEQIKSLERARTENFLKHKIRSRPDRSELVRMH ILEETFAEPSLQATQMKLKRARLADDLNEKIAQRPGPMELVEKNILPVDSSVKEAIGV GKEDYPHTQGDFSFDEDSSDALSPDQPASQESQGSAAASPSEPKVSESPSPVTTNT PAQFASVSPTVPEFLKTPPTADQPPPRPAAPVLPTNTVSSAKPGPALVKQSHPKNP NDKHRSSKCKDPKPRVKKLKYHQYIPPDQKGEKNEPQMDSNYARLLQQQQLFLQL QILSQKQHYNYQTILPAPFKPLNDKNSNSGNSALNNATPNTPRQNTSTPVRKPGPL PSSLDDLKVSELKTELKRLGPLVSGTKPDlierLKPYQEVNSSGLAAGGIVAVSSSAI VTSNPEVTVALPVTTLHNTVTSSVSTLKAELPPTGTSNATRVENVHSPLPISPSPSEQ SSLSTDDTNMADTFTEIMTMMSPSQFLSSSPLRMTNNEDSLSPSTLSNLELDAAE KDRKLQEKEKQIEELKRKLEQEQLVEVLKMQLEVEKRGQQQRPLEAQPSAPGHSV

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

KSDQKHGSLGSSIKDEASLPDCSSSRQPIPVASHAVGQPVSTGGQTLVAKKAVVIKQ
 EVPVGQAEQQSVVSQFYTSPQAGMQTQPQIATAAQIPTAALASGLAPTVPQTQDTF
 PQHVLSQPQQVRKVFTNSASSNTVLPYQRHPAPAVQQPFINKASNSVLQSRNAPLP
 SLQNGPNTPNKPSSPPPPQQFVVQHSFLGSPVAKTKDPPRYEEAIKQTRSTQAPLP
 EISNAHSQQMDDLFDILIKSGEISLPIKEEPSISKMRPVTASITTMPVNTVVSRPPPQ
 VQMAPPVSLEPMGSLASLENQLEAFDGLTLPANEIPPLQSSSEDREPFSLIEDLQ
 NDLLSHSGMLDHSHPMETSETQFAAGTPCLSLDLSDSNLDNMEWLDITMPNSSSG
 LTPLSTTAPSMFSADFLDPQDLPLPWDTRTRPLEQKLISEEDLAANDILDYKDDDDKV

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

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

Storage Store at -80 centigrade. Avoid repeated freeze-thaw cycles.

Concentration 50 µg/mL as determined by BCA

Storage Buffer 100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name MRTFB myocardin related transcription factor B [Homo sapiens (human)]

Official Symbol MRTFB

Synonyms MRTFB; myocardin related transcription factor B; MKL2; MRTF-B; NPD001; myocardin-related transcription factor B; CTA-276F8.1; MKL and myocardin family member 2; MKL/myocardin like 2; MKL/myocardin-like protein 2; MKL1/myocardin like 2; megakaryoblastic leukemia 2

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Gene ID	57496
mRNA Refseq	NM_014048
Protein Refseq	NP_054767
MIM	609463
UniProt ID	Q9ULH7
SDS-PAGE	