

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 QQRRTREQLVDQGIMPPKSPA AFHEQIKSLERARTENFLKHKIRSRPDRSELVRMH ILEETFAEPSLQATQMKLKRARLADDLNEKIAQRPGPMELVEKNILPVDSSVKEAIGV GKEDYPHTQGDFSFDEDSSDALSPDQPASQESQGSAA SPSEPKVSESPSPVTTNT PAQFASVSPTVPEFLKTPPTADQPPPRPAAPVLPTNTVSSAKPGPALVKQSHPKNP NDKHRSSKCKDPKPRVKKLKYHQYIPPDQKGEKNEPQMDSNYARLLQQQQLFLQL QILSQKQHYNYQTILPAPFKPLNDKNSNSGNSALNNATPNTPRQNTSTPVRKPGPL PSSLDDLKVSELKTELKRLGPLVSGTKPD LIERLKPYQEVNSSGLAAGGIVAVSSSAI VTSNPEVTVALPVTTLHNTVTSSVSTLKAELPPTGT SNATRVENVHSPLPISPSPSEQ SSLSTDDTNMADTFTEIMTMMSPSQFLSSSPLRMTNNEDSLSP TSSTLSNLELDAAE KDRKLQEKEKQIEELKRKLEQEQLVEVLKMQLEVEKRGQQQRPLEAQPSAPGHSV

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KSDQKHGSLGSSIKDEASLPDCSSSRQPIPVASHAVGQPVSTGGQTLVAKKAVVIKQ
 EVPVGQAEQQSVVSQFYTSPQAGMQTQPQIATAAQIPTAALASGLAPTVPQTQDTF
 PQHVLSQPQQVRKVFTNSASSNTVLPYQRHPAPAVQQPFINKASNSVLQSRNAPLP
 SLQNGPNTPNKPSSPPPPQQFVVQHSFLGSPVAKTKDPPRYEEAIKQTRSTQAPLP
 EISNAHSQQMDDLFDILIKSGEISLPIKEEPSISKMRPVTASITTMPVNTVVSRRPPQ
 VQMAPPVSLEPMGSLASLENQLEAFDGLTLPANEIPPLQSSSEDREPFSLIEDLQ
 NDLLSHSGMLDHSHPMETSETQFAAGTPCLSLDLSNLDNMEWLDITMPNSSSG
 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	