

Product datasheet for **TP309818L**

MSC (NM_005098) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human musculin (activated B-cell factor-1) (MSC), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC209818 protein sequence Red =Cloning site Green =Tags(s)

MSTGSVSDPEEMELRGLQREYVPASKRPPLRGVERSYASPSDNSSAEEDPDGEEERCALGTAGSAEGC
KRRRPRVAGGGGAGGSAGGGGKKPLPAKGSAAECKQSQRNAANARERARMRVLSKAFSRLKTSLPWVPPD
TKLSKLDTLRLASSYIAHLRQLLQEDRYENGVHPVNLTWPFVSGRPDSDTKEVSAANRLCGTTA

SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV

Tag:	C-Myc/DDK
Predicted MW:	21.9 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.
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_005089
Locus ID:	9242
UniProt ID:	O60682
RefSeq Size:	2075



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Cytogenetics: 8q13.3

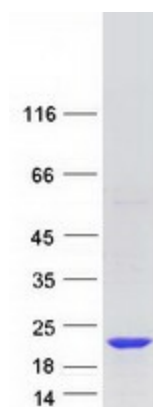
RefSeq ORF: 618

Synonyms: ABF-1; ABF1; bHLHa22; MYOR

Summary: The protein encoded by this gene is a transcriptional repressor capable of binding an E-box element either as a homodimer or as a heterodimer with E2A in vitro. The encoded protein also forms heterodimers with E2A proteins in vivo. This protein is capable of inhibiting the transactivation capability of E47, an E2A protein, in mammalian cells. This gene is a downstream target of the B-cell receptor signal transduction pathway. [provided by RefSeq, Jul 2008]

Protein Families: Druggable Genome, Transcription Factors

Product images:



Coomassie blue staining of purified MSC protein (Cat# [TP309818]). The protein was produced from HEK293T cells transfected with MSC cDNA clone (Cat# [RC209818]) using MegaTran 2.0 (Cat# [TT210002]).