

Product datasheet for TP508120

Srf (NM_020493) Mouse Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Purified recombinant protein of Mouse serum response factor (Srf), with C-terminal MYC/DDK tag, expressed in HEK293T cells, 20ug
Species:	Mouse
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>MR208120 representing NM_020493 Red =Cloning site Green =Tags(s) MLPSQAGAAAALGRGSALGGNLRNRTPTGRPGGGGTRGANGGRVPGNGAGLGQSRLERAAAAAAPTAGALYSGSEGDSSESGEEEEELGAERRGLKRSLSEMELGVVGGPEAAAAAAGGYGPVSGAVSGAKPGKKTRGRV KIKMEFIDNKLRRYTTFSKRKTGIMKKAYELSTLTGTQVLLVASETGHVYTFATRKLQPMITSETGKAL IQTCLNSPDSPPRSDPTTDQRMSATGFEEPDLTYQVSESDSSGETKDTLKPFTVNLPGTTSTIQTAPS TSTTMQVSSGSPFITNYLAPVSASVSPSAVSSANGTVLKSTGSGPVSSGGLMQLPTSFTLMPGGAVAQQ VPVQAIHVHQAPQQASPSRDSSTDLTQTSSSGVTLPATIMTSSVPTTVGGHMMYSPHAVMYAPTSGLA DGLSLTVLNAFSQAPSTMQVSHSQVQEPGGVPQVFLTAPSGTVQIPVSAVQLHQMAVIGQQAGSSSNLTEL QVWNLDATHSTKSE TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-MYC/DDK
Predicted MW:	51.7 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_065239



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Locus ID: 20807

UniProt ID: [Q9JIM73](#)

RefSeq Size: 4093

Cytogenetics: 17 C

RefSeq ORF: 1512

Synonyms: AW049942; AW240594

Summary: SRF is a transcription factor that binds to the serum response element (SRE), a short sequence of dyad symmetry located 300 bp to the 5' of the site of transcription initiation of some genes (such as FOS) (PubMed:24732378). Together with MRTFA transcription coactivator, controls expression of genes regulating the cytoskeleton during development, morphogenesis and cell migration (PubMed:12732141, PubMed:19350017, PubMed:24732378). The SRF-MRTFA complex activity responds to Rho GTPase-induced changes in cellular globular actin (G-actin) concentration, thereby coupling cytoskeletal gene expression to cytoskeletal dynamics (PubMed:24732378). Required for cardiac differentiation and maturation (PubMed:15169892).[UniProtKB/Swiss-Prot Function]