Recombinant Mouse SRF Protein (1-504 aa), His-SUMO-tagged

Cat. No. SRF-1863M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse SRF Protein (1-504 aa) is produced by E. coli expression system. This protein is fused with a 6xHis-SUMO tag at the N-terminal. Research Area: Cardiovascular. Protein Description: Full Length.
Species	Mouse
Source	E.coli
ProteinLength	1-504 aa
Description	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) (By similarity). Required for cardiac differentiation and maturation.
Form	Tris-based buffer,50% glycerol
Molecular Mass	67.2 kDa
AA Sequence	MLPSQAGAAAALGRGSALGGNLNRTPTGRPGGGGGTRGANGGRVPGNGAGLGQ SRLEREAAAAAAPTAGALYSGSEGDSESGEEEELGAERRGLKRSLSEMELGVVVG GPEAAAAAAGGYGPVSGAVSGAKPGKKTRGRVKIKMEFIDNKLRRYTTFSKRKTGI MKKAYELSTLTGTQVLLLVASETGHVYTFATRKLQPMITSETGKALIQTCLNSPDSPP RSDPTTDQRMSATGFEEPDLTYQVSESDSSGETKDTLKPAFTVTNLPGTTSTIQTAP STSTTMQVSSGPSFPITNYLAPVSASVSPSAVSSANGTVLKSTGSGPVSSGGLMQL

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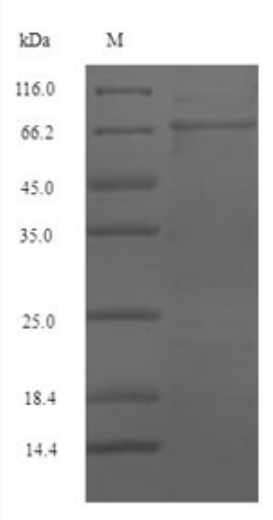
	PTSFTLMPGGAVAQQVPVQAIHVHQAPQQASPSRDSSTDLTQTSSSGTVTLPATIM TSSVPTTVGGHMMYPSPHAVMYAPTSGLADGSLTVLNAFSQAPSTMQVSHSQVQE PGGVPQVFLTAPSGTVQIPVSAVQLHQMAVIGQQAGSSSNLTELQVVNLDATHSTK SE
Purity	> 90% as determined by SDS-PAGE.
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4 centigrade for up to one week.
Storage	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20 centigrade/-80 centigrade. The shelf life of lyophilized form is 12 months at -20 centigrade/-80 centigrade.
Concentration	A hardcopy of COA with reconstitution instruction is sent along with the products.

GENE INFORMATION

Gene Name	Srf serum response factor [Mus musculus]
Official Symbol	SRF
Synonyms	SRF; serum response factor; AW049942; AW240594;
Gene ID	20807
mRNA Refseq	NM_020493
Protein Refseq	NP_065239

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UniProt ID	Q9JM73



(Tris-Glycine gel) Discontinuous SDS-PAGE (reduced) with 5% enrichment gel and 15% separation gel.

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