

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 SRLEREAAAAAAPTAGALYSGSEGDSSESSEEEELGAERRGLKRSLSEMELGVVVG GPEAAAAAAGGYGPVSGAVSGAKPGKTRGRVKIKMEFIDNKLRRYTTFSKRKTGI MKKAYELSTLTGTQVLLLVASETGHVYTFATRKLQPMITSETGKALIQTCNLNSPDSP RSDPTTDQRMSATGFEEPDLTYQVSESDSSGETKDTLKPFTVTNLPGTTSTIQTAP STSTTMQVSSGSPFPITNYLAPVSASVSPSAVSSANGTVLKSTGSGPVSSGGLMQL

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PTSFTLMPGGAVAQQVPVQAIHVHQAPQQASPSRDSSTDLTQTSSSGTVTLPATIM
TSSVPTTVGGHMMYPSPHAVMYAPTSLADGSLTVLNAFSQAPSTMQVSHSQVQE
PGGVPQVFLTAPSGTVQIPVSAVQLHQMAVIGQQAGSSSNLTELQVVNLDATEHSTK
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](#)

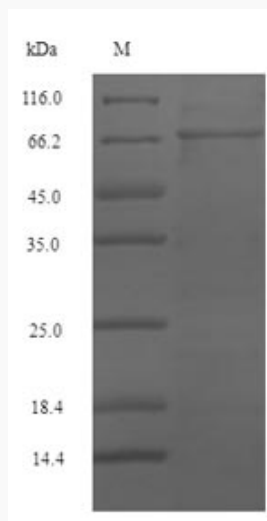
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UniProt ID

Q9JM73



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

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