

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

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

## SPECIFICATION

<b>Product Overview</b>	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.
<b>Species</b>	Mouse
<b>Source</b>	E.coli
<b>ProteinLength</b>	1-504 aa
<b>Description</b>	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.
<b>Form</b>	Tris-based buffer,50% glycerol
<b>Molecular Mass</b>	67.2 kDa
<b>AA Sequence</b>	MLPSQAGAAAALGRGSALGGNLNRTPTGRPGGGGGTRGANGGRVPGNGAGLGQ SRLEREAATAAAPTAGALYSGSEGDSSESGEEEEELGAERRGLKRSLSEMELGVVVG GPEAAAAAAGGYGPVSGAVSGAKPGKTRGRVKIKMEFIDNKLRRYTTFSKRKTGI MKKAYELSTLTGTQVLLLVASETGHVYTFATRKLQPMITSETGKALIQTCLNSPDSPP RSDPTTDQRMSATGFEEPDLTYQVSESDSSGETKDTLKPFTVTNLPGTTSTIQTAP STSTTMQVSSGSPFITNYLAPVSASVSPSAVSSANGTVLKSTGSGPVSSGGLMQL

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PTSFTLMPGGAVAQQVPVQAIHVHQAPQQASPSRDSSTDLTQTSSSGTVTLPATIM  
 TSSVPTTVGGHMMYPSPHAVMYAPTSLADGSLTVLNAFSQAPSTMQVSHSQVQE  
 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](#)

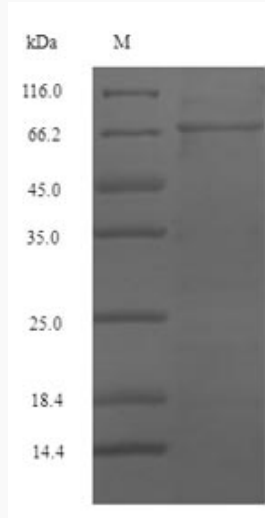
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UniProt ID

Q9JM73



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

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