

## Serum response factor Recombinant Protein | Srf recombinant protein

Recombinant Mouse Serum response factor

|                               |                                                                 |
|-------------------------------|-----------------------------------------------------------------|
| CATALOG #<br><b>AAA116702</b> | HOST<br><b>E Coli or Yeast or Baculovirus or Mammalian Cell</b> |
|-------------------------------|-----------------------------------------------------------------|

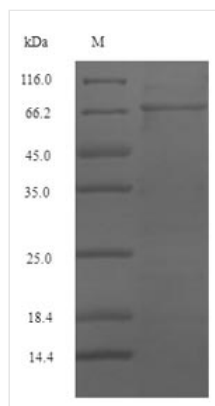
### PRODUCT SYNONYMS

Serum response factor; Recombinant Mouse Serum response factor; SRF; Srf recombinant protein

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                    | E Coli or Yeast or Baculovirus or Mammalian Cell                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Purity/Purification     | Greater or equal to 85% purity as determined by SDS-PAGE.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Form/Format             | Lyophilized or liquid (Format to be determined during the manufacturing process)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Sequence Positions      | 1-504. Full Length                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Sequence                | MLPSQAGAAA ALGRGSALGG NLNRTPTGRP GGGGGTRGAN GGRVPGNGAG LGQSRLEREA AAAAAPTAGA<br>LYSGSEGDSE SGEEELGAE RRGLKRLSE MELGVVVGGP EAAAAAGGY GPGSGAVSGA KPGKKTRGRV<br>KIKMEFIDNK LRRYTTFSKR KTGIMKKAYE LSTLTGTQVL LLVASETGHV YTFATRKLP MITSETGKAL<br>IQTCLNSPDS PPRSDPTTDQ RMSATGFEEP DLTYQVSESD SGETKDTLK PAFTVTNLPG TTSTIQTAPS<br>TSTTMQVSSG PSFPITNYLA PVSASVSPSA VSSANGTVLK STGSGPVSSG GLMQLPTSFT LMPGGAVAQQ<br>VPVQAIHVHQ APQQASPSRD SSTDLTQTSS SGTVTLPATI MTSSVPTTVG GHMMYPSPHA VMYAPTSGLA<br>DGSLTVLNAF SQAPSTMQVS HSQVQEPGGV PQVFLTAPSG TVQIPVSAVQ LHQMAVIGQQ AGSSSNLTEL<br>QVVNLDATHS TKSE |
| Species                 | Mus musculus (Mouse)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Preparation and Storage | Store at -20 degree C, for extended storage, conserve at -20 degree C or -80 degree C.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

### IMAGES



SDS-PAGE

### ADDITIONAL INFORMATION

|                                                         |                                                                                                                                                                                                                                                                                    |
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| Related Product Information for Srf recombinant protein | 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. |
|---------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                                                       |                                                                                                                                                                    |
|-------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for Srf recombinant protein | Cardiovascular                                                                                                                                                     |
| References                                            | "Identification of a novel serum response factor cofactor in cardiac gene regulation." Zhang X., Azhar G., Zhong Y., Wei J.Y. J. Biol. Chem. 279:55626-55632(2004) |

## NCBI AND UNIPROT INFORMATION

|                                  |                       |
|----------------------------------|-----------------------|
| NCBI GI #                        | 10048414              |
| NCBI GeneID                      | 20807                 |
| NCBI Accession #                 | NP_065239.1           |
| NCBI GenBank Nucleotide #        | NM_020493.2           |
| UniProt Accession #              | Q9JMJ73               |
| Molecular Weight                 | 67.2 kDa              |
| NCBI Official Full Name          | serum response factor |
| NCBI Official Synonym Full Names | serum response factor |
| NCBI Official Symbol             | Srf                   |
| NCBI Official Synonym Symbols    | AW049942; AW240594    |
| NCBI Protein Information         | serum response factor |
| UniProt Protein Name             | Serum response factor |
| UniProt Gene Name                | <b>Srf</b>            |
| UniProt Synonym Gene Names       | SRF                   |
| UniProt Entry Name               | SRF_MOUSE             |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/srf-recombinant-protein-e-coli/116702>