

## Recombinant Human SRF Protein (1-508 aa), His-tagged

Cat. No. SRF-2460H Lot. No. (See product label)

### SPECIFICATION

|                         |  |
|-------------------------|--|
| <b>Product Overview</b> | Recombinant Human SRF Protein (1-508 aa) is produced by Yeast expression system. This protein is fused with a 6xHis tag at the N-terminal. Research Area: Cardiovascular. Protein Description: Full Length.  |
| <b>Species</b>          | Human  |
| <b>Source</b>           | Yeast  |
| <b>ProteinLength</b>    | 1-508 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). Required for cardiac differentiation and maturation.   |
| <b>Form</b>             | Tris-based buffer, 50% glycerol  |
| <b>Molecular Mass</b>   | 53.6 kDa   |
| <b>AA Sequence</b>      | MLPTQAGAAAALGRGSALGGSLNRTPTGRPGGGGGTRGANGGRVPGNGAGLGP<br>GRLERAAAAAATTPAPTAGALYSGSEGDSSESGEEEEELGAERRGLKRSLSEMEIGM<br>VVGPEASAAATGGYGPVSGAVSGAKPGKTRGRVKIKMEFIDNKLRRYTTFSKRK<br>TGIMKKAYELSTLTGTQVLLLVASETGHVYTFATRKLQPMITSETGKALIQTCLNSPD<br>SPPRSDPTTDQRMSATGFEETDLTYQVSESDSSGETKDTLKPFTVTNLPGTTSTIQ<br>TAPSTSTMQVSSGSPFITNYLAPVSASVSPSAVSSANGTVLKSTGSGPVSSGGL |

Tel: 1-631-559-9269 1-516-512-3133

Email: [info@creative-biomart.com](mailto:info@creative-biomart.com) Fax: 1-631-938-8127

45-1 Ramsey Road, Shirley, NY 11967, USA

MQLPTSFTLMPGGAVAQQVPVQAIQVHQAPQQASPSRDSSTDLTQTSSSGTVTLPA  
 TIMTSSVPTTVGGHMMYPSPHAVMYAPTSGLGDGSLTVLNAFSQAPSTMQVSHSQ  
 VQEPGGVPQVFLTASSGTVQIPVSAVQLHQMAVIGQQAGSSSNLTELQVVNLDTAH  
 STKSE

**Purity** > 85% 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 will be sent along with the products. Please refer to it for detailed information.

## GENE INFORMATION

**Gene Name** SRF serum response factor (c-fos serum response element-binding transcription factor) [ Homo sapiens ]

**Official Symbol** SRF

**Synonyms** SRF; serum response factor (c-fos serum response element-binding transcription factor); serum response factor; MCM1;

**Gene ID** 6722

**mRNA Refseq** NM\_003131

 Tel: 1-631-559-9269 1-516-512-3133

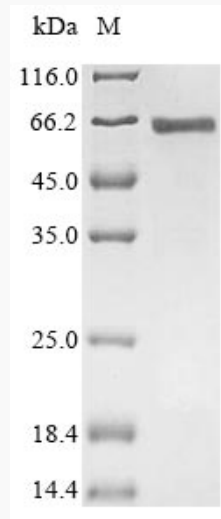
 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

**Protein Refseq** NP\_003122

**MIM** 600589

**UniProt ID** P11831



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

 Tel: 1-631-559-9269 1-516-512-3133

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA