

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

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

SPECIFICATION

Product Overview	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.
Species	Human
Source	Yeast
ProteinLength	1-508 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). Required for cardiac differentiation and maturation.
Form	Tris-based buffer, 50% glycerol
Molecular Mass	53.6 kDa
AA Sequence	MLPTQAGAAAAALGRGSALGGSLNRTPTGRPGGGGGTRGANGGRVPGNGAGLGP GRLERAAAAAATTPAPTAGALYSGSEGDSSESGEEEEELGAERRGLKRSLSMEIGM VVGPEASAAATGGYGPVSGAVSGAKPGKKTRGRVKIKMEFIDNKLRRYTTFSKRK TGIMKKAYELSTLTGTQVLLVASETGHVYTFATRKLQPMITSETGKALIQTCLNSPD SPPRSDPTTDQRMSATGFEETDLTYQVSESDSSGETKDTLKPFTVTNLPGTTSTIQ TAPSTSTTMQVSSGPSFPITNYLAPVSASVSPSAVSSANGTVLKSTGSGPVSSGGL

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MQLPTSFTLMPGGAVAQQVPVQAIQVHQAPQQASPSRDSSTDLTQTSSSGTVTLPA
 TIMTSSVPTTVGGHMMYPSPHAVMYAPTSGLGDGSLTVLNAFSQAPSTMQVSHSQ
 VQEPGGVPQVFLTASSGTQIPVSAVQLHQMAVIGQQAGSSSNLTELQVVNLDTAH
 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

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Protein Refseq	NP_003122
MIM	600589
UniProt ID	P11831

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