



# Recombinant Human Serum response factor (SRF)

<b>Product Code</b>	CSB-EP022659HU
<b>Storage</b>	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
<b>Uniprot No.</b>	P11831
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	<p>MLPTQAGAAA ALGRGSALGG SLNRTPTGRP GGGGGTRGAN  GGRVPGNGAG LGPGRLEA AAAAATTPAP TAGALYSGSE GDSESGEEEE  LGAERRGLKR SLSEMEIGMV VGGPEASAAA TGGYGPVSGA VSGAKPGKKT  RGRVKIKMEF IDNKLRRYTT FSKRKTGIMK KAYELSTLTG TQVLLLVAE  TGHVYTFATR KLQPMITSET GKALIQTCLN SPDSPRSDP TTDQRMSATG  FEETDLTYQV SESDSSGETK DTLKPAFTVT NLPGTTSTIQ TAPSTSTTMQ  VSSGSPFPIT NYLAPVSASV SPSAVSSANG TVLKSTGSGP VSSGGLMQLP  TSFTLMPGGA VAQQVPVQAI QVHQAPQQAS PSRDSSTDLT QTSSSGTVTL  PATIMTSSVP TTVGGHMMYP SPHAVMYAPT SGLGDGSLTV LNAFSQAPST  MQVSHSQVQE PGGVPQVFLT ASSGTVQIPV SAVQLHQMAV IGQQAGSSSN  LTELQVVNLD TAHSTKSE</p>
<b>Source</b>	E.coli
<b>Target Names</b>	SRF
<b>Protein Names</b>	Recommended name: Serum response factor Short name= SRF
<b>Expression Region</b>	1-508
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	Full length protein
<b>Target Details</b>	<p>This gene encodes a ubiquitous nuclear protein that stimulates both cell proliferation and differentiation. It is a member of the MADS (MCM1, Agamous, Deficiens, and SRF) box superfamily of transcription factors. This protein binds to the serum response element (SRE) in the promoter region of target genes. This protein regulates the activity of many immediate-early genes, for example c-fos, and thereby participates in cell cycle regulation, apoptosis, cell growth, and cell differentiation. This gene is the downstream target of many pathways; for example, the mitogen-activated protein kinase pathway (MAPK) that acts through the ternary complex factors (TCFs).</p>
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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**Shelf Life**

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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.