



Recombinant Human Serum response factor (SRF)

Product Code	CSB-MP022659HU
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	P11831
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	<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>
Source	Mammalian cell
Target Names	SRF
Protein Names	Recommended name: Serum response factor Short name= SRF
Expression Region	1-508
Notes	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
Tag Info	Tag type will be determined during the manufacturing process.
Protein Length	Full length protein
Target Details	<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>
Reconstitution	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.

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.