



Recombinant Mouse Serum response factor (Srf)

Product Code	CSB-YP881354MO
Abbreviation	Srf
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°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
Uniprot No.	Q9JM73
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	≥85% (SDS-PAGE)
Sequence	MLPSQAGAAA ALGRGSALGG NLNRTPTGRP GGGGGTRGAN GGRVPGNGAG LGQSRLEREA AAAAAPTAGA LYSGSEGDSE SGEEELGAE RRGLKRSLSE MELGVVVGPP EAAAAAAGGY GPVSGAVSGA KPGKKTRGRV KIKMEFIDNK LRRYTTFSKR KTGIMKKAYE LSTLTGTQVL LLVASETGHV YTFATRLQP MITSETGKAL IQTCLNSPDS PPRSPTTDQ RMSATGFEEP DLTYQVSESD SGETKDTLK PAFTVTNLPG TTSTIQTAPS TSTTMQVSSG PSFPITNYLA PVSASVPSA VSSANGTVLK STGSGPVSSG GLMQLPTSFT LMPGGAVAQQ VPVQAIHVHQ APQQASPSRD SSTDLTQTSS SGTVTLPATI MTSSVPTTVG GHMMYPSHA VMYAPTSLA DGSLTVLNAF SQAPSTMQVS HSQVQEPGGV PQVFLTAPSG TVQIPVSAVQ LHQMAVIGQQ AGSSSNLTEL QVVNLDATEHS TKSE
Source	Yeast
Target Names	Srf
Protein Names	Recommended name: Serum response factor Short name= SRF
Expression Region	1-504
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	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).

**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.