



Recombinant Mouse Suppressor of cytokine signaling 5 (Socs5)

Product Code	CSB-BP022394MO
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O54928
Product Type	Recombinant Protein
Immunogen Species	Mus musculus (Mouse)
Purity	>85% (SDS-PAGE)
Sequence	MDKVGKMWNN LKYRCQNLFS HEGGSRNENV EMNPNRCPSV KEKSISLGEA APQQESSPLR ENVALQLGLS PSKTFSTRNQ NCAAEIPQVV EISIEKSDSDS GATPGTRLAR RDSYSRHAPW GGKKKHSCST KTQSSLDTEK KFGRTRSGLQ RRERRYGVSS MQDMDSVSSR AVGSRSLRQR LQDTVGLCFP MRTYSKQSKP LFSNKRKIHL SELMLEKCPF PAGSDLAQKW HLIKQHTAPV SPHSTFFDTF DPSLVSTED EDRLRERRRL SIEEGVDPPP NAQIHTFEAT AQVNPLYKLG PKLAPGMTEI SGDGS AIPQT NCDSEEDSTT LCLQSRRQKQ RQVSGDSHAH VSRQGAWKVH TQIDYIHCLV PDLLQITGNP CYWGVMDRYE AEALLEGKPE GTFLLRDSAQ EDYLFVSFR RYNRSLHARI EQWNHNFSFD AHDPCVFHSS TVTGLLEHYK DPSSCMFFEP LLTISLNRTF PFSLQYICRA VICRCTTYDG IDGLPLPSML QDFLKEYHYK QKVRVRWLER EPVKAK
Source	Baculovirus
Target Names	Socs5
Protein Names	Recommended name: Suppressor of cytokine signaling 5 Short name= SOCS-5 Alternative name(s): Cytokine-inducible SH2-containing protein 5
Expression Region	1-536
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 protein contains a SH2 domain and a SOCS BOX domain. The protein thus belongs to the suppressor of cytokine signaling (SOCS) family, also known as STAT-induced STAT inhibitor (SSI) protein family. SOCS family members are known to be cytokine-inducible negative regulators of cytokine signaling. The specific function of this protein has not yet been determined. Two alternatively spliced transcript variants encoding an identical protein have been reported.
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.