



Recombinant Human Suppressor of cytokine signaling 6 (SOCS6)

Product Code	CSB-EP022395HU-B
Storage	Store at -20°C, for extended storage, conserve at -20°C or -80°C.
Uniprot No.	O14544
Product Type	Recombinant Protein
Immunogen Species	Homo sapiens (Human)
Purity	>85% (SDS-PAGE)
Sequence	MKKISLKTLR KSFNLNKSKE ETDFMVVQQP SLASDFGKDD SLFGSCYGKD MASCADINGED EKGKGNRSKS ESLMGTLKRR LSAKQKSKGK AGTPSGSSAD EDTFSSSSAP IVFKDVRAQR PIRSTSLRSH HYPAPWPLR PTNSEETCIK MEVRVKALVH SSSPSPALNG VRKDFHDLQS ETTCQEQANS LKSSASHNGD LHLHLDEHVP VVIGLMPQDY IQYTVPLDEG MYPLEGSRSY CLDSSSPMEV SAVPPQVGGR AFPEDESQVD QDLVVAPEIF VDQSVNGLLI GTTGVMQLQSP RAGHDDVPPL SPLPPMQNN QIQRNFSGLT GTEAHVAESM RCHLNFDPN APGVARVYDS VQSSGPMVVT SLTEELKCLA KQGWWGPIT RWEAEGKLAN VPDGSFLVRD SSDDRYLLSL SFRSHGKTLH TRIEHSNGRF SFYEQPDVEG HTSIVDLIEH SIRDSENAF CYRSRLPGS ATYPVRLTNP VSRFMQVRS QYLRCFVIRQ YTRIDLIQKL PLPNKMKDYL QEKHY
Source	E.coli
Target Names	SOCS6
Protein Names	Recommended name: Suppressor of cytokine signaling 6 Short name= SOCS-6 Alternative name(s): Cytokine-inducible SH2 protein 4 Short name= CIS-4 Suppressor of cytokine signaling 4 Short name= SOCS-4
Expression Region	1-535
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 CIS homolog domain. The protein thus belongs to the cytokine-induced STAT inhibitor (CIS), also known as suppressor of cytokine signaling (SOCS) or STAT-induced STAT inhibitor (SSI), protein family. CIS family members are known to be cytokine-inducible negative regulators of cytokine signaling. The expression of this gene can be induced by GM-CSF and EPO in hematopoietic cells. A high expression level of this gene was found in factor-independent chronic myelogenous leukemia (CML) and erythroleukemia (HEL) cell lines.
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.