



# Recombinant Mouse Suppressor of cytokine signaling 4 (Socs4)

<b>Product Code</b>	CSB-MP022393MO
<b>Abbreviation</b>	Socs4
<b>Storage</b>	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.
<b>Uniprot No.</b>	Q91ZA6
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Mus musculus (Mouse)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MAENNSKNVD VRPKTSRSRS ADRKDG YVWS GK KLSWSKKS ESCSESEAIG TVENVEIPLR SQERQLSCSS IELDLDHSCG HRFLGRSLKQ KLQDAVGQCF PIKNCSGRHS PGLPSKRKIH ISELMLDKCP FPPRSDLAFR WHFIKRHTVP MSPNSDEWVS ADLSERKLRD AQLKRRNTED DIPCF SHTNG QPCVITANSA SCTGGHITGS MMNLVTNNSI EDSMDSEDE IITLCTSSRK RNKPRWEMEE EILQLEAPPK FHTQIDYVHC LVPDLLQISN NPCYWGVMKD YAAEALLEGK PEGTFLLRDS AQEDYLFSVS FRRYSRSLHA RIEQWNHNFS FDAHDP CVFH SPDITGLLEH YKDPSACMFF EPLLSTPLIR TFPFSLQHIC RTVICNCTTY DGIDALPIPS PMKLYLKEYH YKSKV RLLRI DVPEQQ
<b>Source</b>	Mammalian cell
<b>Target Names</b>	Socs4
<b>Protein Names</b>	Recommended name: Suppressor of cytokine signaling 4 Short name= SOCS-4 Alternative name(s): Suppressor of cytokine signaling 7 Short name= SOCS-7
<b>Expression Region</b>	1-436
<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>	This protein contains a SH2 domain and a SOCS BOX domain. The protein thus belongs to the suppressor of cytokine signaling (SOCS), also known as STAT-induced STAT inhibitor (SSI), protein family. SOCS family members are known to be cytokine-inducible negative regulators of cytokine signaling. Two alternatively spliced transcript variants encoding the same protein have been found for this gene.
<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  $-20^{\circ}\text{C}/-80^{\circ}\text{C}$ . Our default final concentration of glycerol is 50%. Customers could use it as reference.

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