

Recombinant Human SOCS1 Protein, Myc/DDK-tagged, C13 and N15-labeled

Cat. No. SOCS1-895H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	SOCS1 MS Standard C13 and N15-labeled recombinant protein (NP_003736) with a C-terminal MYC/DDK tag, was expressed in HEK293 cells.
Species	Human
Source	HEK293
Description	This gene encodes a member of the STAT-induced STAT inhibitor (SSI), also known as suppressor of cytokine signaling (SOCS), family. SSI family members are cytokine-inducible negative regulators of cytokine signaling. The expression of this gene can be induced by a subset of cytokines, including IL2, IL3 erythropoietin (EPO), CSF2/GM-CSF, and interferon (IFN)-gamma. The protein encoded by this gene functions downstream of cytokine receptors, and takes part in a negative feedback loop to attenuate cytokine signaling. Knockout studies in mice suggested the role of this gene as a modulator of IFN-gamma action, which is required for normal postnatal growth and survival.
Molecular Mass	23.4 kDa
AA Sequence	MVAHNQVAADNAVSTAAEPRRRPEPSSSSSSSPAAPARPRPCPAVPAPAPGDTHF RTFRSHADYRRITRASALLDACGFYWGPLSVHGAHERLRAEPVGTFLVRDSRQRNC FFALSVKMASGPTSIRVHFQAGRFHLDGSRESFDCLFELLEHYVAAPRRMLGAPLR QRRVRPLQELCRQRIVATVGRENLARIPLNPVLRDYLSSFPFQITRTRPLEQKLISEE

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	DLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

Gene Name	SOCS1 suppressor of cytokine signaling 1 [Homo sapiens (human)]
Official Symbol	SOCS1
Synonyms	SOCS1; suppressor of cytokine signaling 1; Cish1; JAB; SOCS 1; SSI 1; TIP3; TIP-3; JAK binding protein; JAK-binding protein; Tec-interacting protein 3; STAT induced SH3 protein 1; STAT-induced STAT inhibitor 1; cytokine-inducible SH2 protein 1; CIS1; SSI1; CISH1; SSI-1; SOCS-1;
Gene ID	8651
mRNA Refseq	NM_003745
Protein Refseq	NP_003736
MIM	603597

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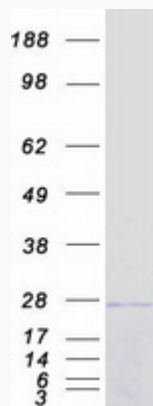
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UniProt ID

O15524

SDS-PAGE

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