

Recombinant Human SOCS6 293 Cell Lysate

Cat. No. SOCS6-1577HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for suppressor of cytokine signaling 6 (SOCS6) is a lysate prepared from HEK293T cells transiently transfected with a TrueORF gene-carrying pCMV plasmid and then lysed in RIPA Buffer. Protein concentration was determined using a colorimetric assay. The antigen control carries a C-terminal Myc/DDK tag for detection.
Components	This product includes 3 vials: 1 vial of gene-specific cell lysate, 1 vial of control vector cell lysate, and 1 vial of loading buffer. Each lysate vial contains 0.1 mg lysate in 0.1 ml (1 mg/ml) of RIPA Buffer (50 mM Tris-HCl pH7.5, 250 mM NaCl, 5 mM EDTA, 50 mM NaF, 1% NP40). The loading buffer vial contains 0.5 ml 2X SDS Loading Buffer (125 mM Tris-Cl, pH6.8, 10% glycerol, 4% SDS, 0.002% Bromophenol blue, 5% beta-mercaptoethanol).
Size	0.1 mg
Storage Instruction	Store at -80°C. Minimize freeze-thaw cycles. After addition of 2X SDS Loading Buffer, the lysates can be stored at -20°C. Product is guaranteed 6 months from the date of shipment.

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Applications

ELISA, WB, IP. WB: Mix equal volume of lysates with 2X SDS Loading Buffer. Boil the mixture for 10 min before loading (for membrane protein lysates, incubate the mixture at room temperature for 30 min). Load 5 ug lysate per lane.

GENE INFORMATION
Gene Name

SOCS6 suppressor of cytokine signaling 6 [Homo sapiens]

Official Symbol

SOCS6

Synonyms

SOCS6; suppressor of cytokine signaling 6; SOCS4, suppressor of cytokine signaling 4; CIS4; Cish4; HSPC060; SSI4; STAI4; STATI4; STAT induced STAT inhibitor-4; cytokine-inducible SH2 protein 4; suppressor of cytokine signaling 4; CIS-4; SOCS4; SOCS-4; SOCS-6;

Gene ID

9306

mRNA Refseq

NM_004232

Protein Refseq

NP_004223

MIM

605118

UniProt ID

O14544

Chromosome Location

18q22

Pathway

ECS complex, organism-specific biosystem; ECS complex, conserved biosystem; Kit Receptor Signaling Pathway, organism-specific biosystem; Regulation of KIT signaling, organism-specific biosystem; Signal Transduction, organism-specific

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biosystem; Signaling by SCF-KIT, organism-specific biosystem;

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