

Recombinant Human SOCS5 293 Cell Lysate

Cat. No. SOCS5-1578HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for suppressor of cytokine signaling 5 (SOCS5), transcript variant 1 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

SOCS5 suppressor of cytokine signaling 5 [Homo sapiens]

Official Symbol

SOCS5

Synonyms

SOCS5; suppressor of cytokine signaling 5; CIS6; Cish5; CISH6; KIAA0671; SOCS 5; CIS-6; cytokine-inducible SH2 protein 6; cytokine-inducible SH2-containing protein 5; SOCS-5;

Gene ID

9655

mRNA Refseq

NM_014011

Protein Refseq

NP_054730

MIM

607094

UniProt ID

O75159

**Chromosome
Location**

2p21

Pathway

ECS complex, organism-specific biosystem; ECS complex, conserved biosystem; IL-4 signaling Pathway, organism-specific biosystem; IL4-mediated signaling events, organism-specific biosystem; Jak-STAT signaling pathway, organism-specific biosystem; Jak-STAT signaling pathway, conserved biosystem; Kit Receptor

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Signaling Pathway, organism-specific biosystem;

Function

epidermal growth factor receptor binding; protein binding; receptor tyrosine kinase binding;

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