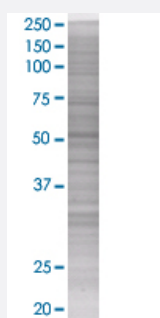


SOCS4 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00122809-T01

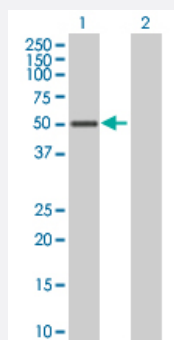
Size 100 uL

Applications



SDS-PAGE Gel

SOCS4 transfected lysate.



Western Blot

Lane 1: SOCS4 transfected lysate (50.6 KDa)

Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-SOCS4 full-length
Host	Human
Theoretical MW (kDa)	48.51
Interspecies Antigen Sequence	Mouse (86); Rat (84)

Quality Control Testing

Transient overexpression cell lysate was tested with Anti-SOCS4 antibody ([H00122809-B01](#)) by Western Blots.
SDS-PAGE Gel
SOCS4 transfected lysate.
Western Blot
Lane 1: SOCS4 transfected lysate (50.6 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — SOCS4

Entrez GeneID[122809](#)**GeneBank Accession#**[NM_080867](#)**Protein Accession#**[NP_543143](#)**Gene Name**

SOCS4

Gene Alias

DKFZp686J1568, SOCS7

Gene Description

suppressor of cytokine signaling 4

Gene Ontology[Hyperlink](#)**Gene Summary**

The protein encoded by this gene 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. [provided by RefSeq]

Other Designations

SH2 domain containing SOCS box protein|suppressor of cytokine signaling 7

Pathway

- [Insulin signaling pathway](#)

- [Jak-STAT signaling pathway](#)
- [Type II diabetes mellitus](#)

Disease

- [Birth Weight](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Leukemia](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)