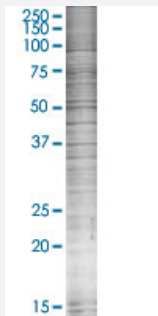# SOCS6 293T Cell Transient Overexpression Lysate(Denatured)

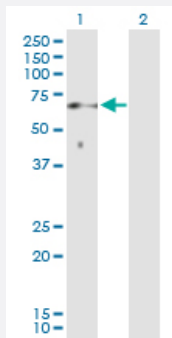Catalog #    H00009306-T02          Size    100 uL

## Applications



### SDS-PAGE Gel

SOCS6 transfected lysate.



### Western Blot

Lane 1: SOCS6 transfected lysate ( 59.5 KDa)
Lane 2: Non-transfected lysate.

## Specification

| | |
|---|---|
| **Transfected Cell Line** | 293T |
| **Plasmid** | pCMV-SOCS6 full-length |
| **Host** | Human |
| **Theoretical MW (kDa)** | 59.5 |
| **Interspecies Antigen Sequence** | Mouse (84); Rat (81) |

| Quality Control Testing | Transient overexpression cell lysate was tested with Anti-SOCS6 antibody ([H00009306-D01P](#)) by Western Blots. |
|---|---|
| | SDS-PAGE Gel |
| | SOCS6 transfected lysate. |
| | Western Blot |
| | Lane 1: SOCS6 transfected lysate ( 59.5 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 — SOCS6

| Entrez GeneID | [9306](#) |
|---|---|
| **GeneBank Accession#** | [NM_004232](#) |
| **Protein Accession#** | [NP_004223.2](#) |
| **Gene Name** | SOCS6 |
| **Gene Alias** | CIS4, HSPC060, SOCS4, SSI4, STAI4, STATI4 |
| **Gene Description** | suppressor of cytokine signaling 6 |
| **Omim ID** | [605118](#) |
| **Gene Ontology** | [Hyperlink](#) |
| **Gene Summary** | The protein encoded by this gene contains a SH2 domain and a CIS homolog domain. The protein thus belongs to the cytokine-induced STAT inhibitor (CIS), also known as suppressor of cytokine signaling (SOCS) or STAT-induced STAT inhibitor (SSI), protein family. CIS family members are known to be cytokine-inducible negative regulators of cytokine signaling. The expression of this gene can be induced by GM-CSF and EPO in hematopoietic cells. A high expression level of this gene was found in factor-independent chronic myelogenous leukemia (CML) and erythroleukemia (HEL) cell lines. [provided by RefSeq |
| **Other Designations** | STAT induced STAT inhibitor-4\|cytokine-inducible SH2 protein 4\|suppressor of cytokine signaling 4 |

## Disease

- [Cardiovascular Diseases](#)

- [Diabetes Mellitus](#)

- [Edema](#)

- [Tobacco Use Disorder](#)