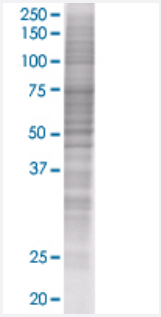
CISH 293T Cell Transient Overexpression Lysate(Denatured)

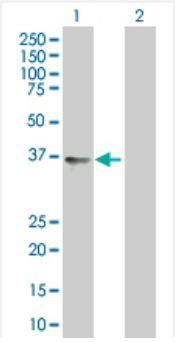
Catalog # H00001154-T01 Size 100 uL

Applications



SDS-PAGE Gel

CISH transfected lysate



Western Blot

Lane 1: CISH transfected lysate (28.7 KDa).
Lane 2: Non-transfected lysate.

Specification

Transfected Cell Line	293T
Plasmid	pCMV-CISH full-length
Host	Human
Theoretical MW (kDa)	28.7
Quality Control Testing	Transient overexpression cell lysate was tested with Anti-CISH antibody (H00001154-B01) by Western Blots. SDS-PAGE Gel CISH transfected lysate Western Blot Lane 1: CISH transfected lysate (28.7 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 — CISH

Entrez GeneID	1154
GeneBank Accession#	NM_145071
Protein Accession#	NP_659508
Gene Name	CISH
Gene Alias	CIS, CIS-1, G18, SOCS
Gene Description	cytokine inducible SH2-containing protein
Omim ID	602441
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 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 IL2, IL3, GM-CSF and EPO in hematopoietic cells. Proteasome-mediated degradation of this protein has been shown to be involved in the inactivation of the erythropoietin receptor. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq
Other Designations	cytokine-inducible SH2-containing protein|cytokine-inducible inhibitor of signaling type 1B|suppressor of cytokine signaling

Pathway

- Jak-STAT signaling pathway

Disease

- Bacteremia
- Cardiovascular Diseases
- Diabetes Mellitus
- Edema
- Genetic Predisposition to Disease
- Malaria
- Tuberculosis