

Recombinant Human CISH 293 Cell Lysate

Cat. No. CISH-7488HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Source	HEK293
Description	Antigen standard for cytokine inducible SH2-containing protein (CISH), transcript variant 2 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

CISH cytokine inducible SH2-containing protein [Homo sapiens]

Official Symbol

CISH

Synonyms

CISH; cytokine inducible SH2-containing protein; cytokine-inducible SH2-containing protein; CIS; CIS 1; G18; SOCS; suppressor of cytokine signaling; cytokine-inducible inhibitor of signaling type 1B; CIS-1; BACTS2;

Gene ID

1154

mRNA Refseq

NM_013324

Protein Refseq

NP_037456

MIM

602441

UniProt ID

Q9NSE2

**Chromosome
Location**

3p21.3

Pathway

Cytokine Signaling in Immune system, organism-specific biosystem; ECS complex, organism-specific biosystem; ECS complex, conserved biosystem; EPO Receptor Signaling, organism-specific biosystem; Growth hormone receptor signaling, organism-specific biosystem; IL-2 Signaling Pathway, organism-specific biosystem;

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IL-3 Signaling Pathway, organism-specific biosystem;

Function

molecular_function;

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