

Recombinant Human CISH Protein, GST-His-tagged

Cat. No. CISH-840H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CISH, transcript variant 2, fused with N-terminal GST and C-terminal His was expressed in E. coli.
Species	Human
Source	E.coli
Description	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.
Form	25mM Tris, pH8.0, 150mM NaCl, 10% glycerol, 1% Sarkosyl.
Molecular Mass	56.5 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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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

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