

Recombinant Full Length Human CISH Protein, GST-tagged

Cat. No. CISH-1856HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CISH full-length ORF (AAH31590.1, 1 a.a. - 258 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	258 amino acids
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. [provided by RefSeq, Aug 2008]
Molecular Mass	54.12 kDa
AA Sequence	MVLCVQGPRPLLAVERTGQRPLWAPSLELPKPVMPQPLPAGAFLEEEVAEGTPAQTES EPKVLDPEEDLLCIAKTFSYLRESGWYWGSITASEARQHLQKMPEGTFLVRDSTHPS YLFTLSVKTTTRGPTNVCIEYADSSFRLDSNCLSRPRILAFPDVVSLVQHYVASCTADT RSDSPDPAPTPALPMPKEDAPSDPALPAPPPATAVHLKLVQPFVRRSSARSLQHLC

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

RLVINRLVADVDCCLPLPRRMAGYLRQYPFQL

Applications

Enzyme-linked Immunoabsorbent Assay
Western Blot (Recombinant protein)
Antibody Production
Protein Array

Notes

Best use within three months from the date of receipt of this protein.

Storage

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

Storage Buffer

50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

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UniProt ID

Q9NSE2

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