

# Cytokine Inducible SH2 Containing Protein Recombinant Protein | CISH recombinant protein

Recombinant Cytokine Inducible SH2 Containing Protein (CISH)

|                               |                       |                                                                           |
|-------------------------------|-----------------------|---------------------------------------------------------------------------|
| CATALOG #<br><b>AAA145415</b> | HOST<br><b>E Coli</b> | APPLICATIONS<br><b>Immunoprecipitation, ELISA, Western Blot, SDS-Page</b> |
|-------------------------------|-----------------------|---------------------------------------------------------------------------|

## PRODUCT SYNONYMS

Cytokine Inducible SH2 Containing Protein; Recombinant Cytokine Inducible SH2 Containing Protein (CISH); CIS; CIS-1; G18; SOCS; Suppressor of cytokine signaling; CISH recombinant protein

## PRODUCT SPECIFICATIONS

|                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                                 | E Coli                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Purity/Purification                                  | > 90%                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Form/Format                                          | Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Sequence                                             | MVLCVQGPRP LLAVERTGQR PLWAPSLELP KPVMQPLPAG AFLEEVAEGT PAQTESEPKV LDPEEDLLCI AKTFSYLRES GWYWGSITAS EARQHLQKMP EGTFLVRDST HPSYLFITLSV KTRTGPTNVR IEYADSSFRL DSNCLSRPRI LAFPDVVSLV QHYVASCTAD TRSDSPDPAP TPALPMPKD APSDPALPAP PPATAVHLKL VQPFVRRSSA RSLQHLCRLV INRLVADVDC LPLPRRMADY LRQYPFQL                                                                                                                                                                                                                                                                                                                                  |
| Sequence Length                                      | 258                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Applicable Applications for CISH recombinant protein | IP (Immunoprecipitation), ELISA, WB (Western Blot), SDS-PAGE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Predicted Molecular Mass                             | 32.4kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Usage                                                | Reconstitute in sterile PBS, pH7.2-pH7.4.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| Endotoxin Level                                      | <1.0EU per 1 ug (determined by the LAL method)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Expression System                                    | Prokaryotic expression                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Fragment                                             | Met1~Leu258                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Organism Species                                     | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Tag                                                  | two N-terminal Tags, His-tag and T7-tag                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Preparation and Storage                              | Avoid repeated freeze/thaw cycles. Store at 2-8 degree C for one month. Aliquot and store at -80 degree C for 12 months.<br>Stability Test: The thermal stability is described by the loss rate of the target protein. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 degree C for 48h, and no obvious degradation and precipitation were observed. (Referring from China Biological Products Standard, which was calculated by the Arrhenius equation.) The loss of this protein is less than 5% within the expiration date under appropriate storage condition. |

IMAGES

Application Data



Sequence



SDS-PAGE



NCBI AND UNIPROT INFORMATION

|                                  |                                           |
|----------------------------------|-------------------------------------------|
| NCBI GI #                        | 39992651                                  |
| NCBI GeneID                      | 1154                                      |
| Molecular Weight                 | 30,734 Da                                 |
| NCBI Official Full Name          | Cytokine inducible SH2-containing protein |
| NCBI Official Synonym Full Names | cytokine inducible SH2-containing protein |
| NCBI Official Symbol             | CISH                                      |
| NCBI Official Synonym Symbols    | CIS; G18; SOCS; CIS-1; BACTS2             |
| NCBI Protein Information         | cytokine-inducible SH2-containing protein |
| UniProt Protein Name             | Cytokine-inducible SH2-containing protein |
| UniProt Gene Name                | CISH                                      |
| UniProt Synonym Gene Names       | G18; CIS; SOCS                            |
| UniProt Entry Name               | CISH_HUMAN                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | [contact@aaabiotech.com](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/cish-recombinant-protein-e-coli-ip-immunoprecipitation-elisa-wb-western-blot-sds-page/145415>