



# Recombinant Chicken Cytokine-inducible SH2-containing protein (CISH)

<b>Product Code</b>	CSB-EP868714CH
<b>Abbreviation</b>	CISH
<b>Storage</b>	The shelf life is related to many factors, storage state, buffer ingredients, storage temperature and the stability of the protein itself. Generally, the shelf life of liquid form is 6 months at -20°C/-80°C. The shelf life of lyophilized form is 12 months at -20°C/-80°C.
<b>Uniprot No.</b>	Q9PW70
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Gallus gallus (Chicken)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	MILCVPGPHP LLAEKIQRL SLRGIAEDLT EHIMQPLPVP AFPEEPAPTF AAPEPDGSAP QTRDPEEDLL CIAKTFSYLR ESGWYWGSIT ASEAKQHLQK MPEGTFLVRD STHPSYLFTL SVKTNRGPTN VRIEYADSKF RLDSNYLSKP RILAFPDVVS LIQHYVTSC TSKSEAPYP PPAPLPPVQK EVAVAAVHLK LLRPLGRRDS IPSLQHLCRL RINRCTTEVE RLPLPRRMGD YLKQYPFQL
<b>Source</b>	E.coli
<b>Target Names</b>	CISH
<b>Protein Names</b>	Recommended name: Cytokine-inducible SH2-containing protein Short name=CIS Alternative name(s): CIS-1 Suppressor of cytokine signaling Short name=SOCS
<b>Expression Region</b>	1-249
<b>Notes</b>	Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.
<b>Tag Info</b>	Tag type will be determined during the manufacturing process.
<b>Protein Length</b>	full length protein
<b>Target Details</b>	This protein 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.
<b>Reconstitution</b>	We recommend that this vial be briefly centrifuged prior to opening to bring the contents to the bottom. Please reconstitute protein in deionized sterile water to a concentration of 0.1-1.0 mg/mL. We recommend to add 5-50% of glycerol (final



concentration) and aliquot for long-term storage at -20°C/-80°C. Our default final concentration of glycerol is 50%. Customers could use it as reference.

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