

Datasheet for ABIN7546605
CISH Protein (AA 1-258) (His tag)



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Overview

Quantity:	1 mg
Target:	CISH
Protein Characteristics:	AA 1-258
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CISH protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant CISH Protein expressed in mammalian cells.
Sequence:	<p>MVLCVQGPRP LLAVERTGQR PLWAPSLELP KPVMQPLPAG AFLEEVAEGT PAQTESEPKV LDPEEDLLCI AKTFSYLRES GWYWGSITAS EARQHLQKMP EGTFVLVDST HPSYLFTLSV KTTRGPTNVR IEYADSSFRL DSNCLSRPRI LAFPDVVS LV QHYVASCTAD TRSDSPDPAP TPALPMPKED APSDPALPAP PPATAVHLKL VQPFVRRSSA RSLQHLCLRV INRLVADVDC LPLPRRMADY LRQYPFQL Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please contact us.</p>
Specificity:	If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.
Characteristics:	<p>Key Benefits:</p> <ul style="list-style-type: none"> Made to order protein - from design to production - by highly experienced protein experts.

Product Details

- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity:	> 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)
Grade:	custom-made

Target Details

Target:	CISH
Alternative Name:	CISH (CISH Products)
Background:	Cytokine-inducible SH2-containing protein (CIS) (CIS-1) (Protein G18) (Suppressor of cytokine signaling) (SOCS),FUNCTION: SOCS family proteins form part of a classical negative feedback system that regulates cytokine signal transduction. CIS is involved in the negative regulation of cytokines that signal through the JAK-STAT5 pathway such as erythropoietin, prolactin and interleukin 3 (IL3) receptor. Inhibits STAT5 trans-activation by suppressing its tyrosine phosphorylation. May be a substrate-recognition component of a SCF-like ECS (Elongin BC-CUL2/5-SOCS-box protein) E3 ubiquitin-protein ligase complex which mediates the ubiquitination and subsequent proteasomal degradation of target proteins (By similarity). {ECO:0000250}.
Molecular Weight:	28.7 kDa
UniProt:	Q9NSE2
Pathways:	JAK-STAT Signaling , Response to Growth Hormone Stimulus

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months