

Recombinant Human CISH/CIS protein ab117057

1 图像

描述	
产品名称	重组人CISH/CIS蛋白
表达系统	Wheat germ
Accession	<u><b>Q9NSE2</b></u>
蛋白长度	Full length protein
无动物成分	No
性质	Recombinant
种属	Human
序列	MVLCVQGPRLLAVERTGQRPLWAPSLELPKPVMQPLPAGAF LEEVAEGT PAQTESEPKVLDPEEDLLCIAKTFSYLRESGWYWGSIASEA RQHLQKMP EGTFLVRDSTHPSYLF TLSVKTTTRGPTNVCIEYADSSFR LDS NCLSRPRI LAFPDVVS LVQHYVASCTADTRSDSPDPAPTALPMPKEDAP SDPALPAP PPATAVHLKLVQPFVRRSSARSLQHLCRLVINRLVADVDCLP LPRRMAGY LRQYPFQL
预测分子量	54 kDa including tags
氨基酸	1 to 258

技术指标	
Our <b>Abpromise guarantee</b> covers the use of <b>ab117057</b> in the following tested applications.	
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.	
应用	ELISA SDS-PAGE Western blot
形式	Liquid
补充说明	This product was previously labelled as CISH.

## 制备和贮存

### 稳定性和存储

Shipped on dry ice. Upon delivery aliquot and store at -80°C. Avoid freeze / thaw cycles.

pH: 8.00

Constituents: 0.3% Glutathione, 0.79% Tris HCl

## 常规信息

### 功能

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.

### 组织特异性

Expressed in various epithelial tissues. Abundantly expressed in liver and kidney, and to a lesser extent in lung. The tissue distribution of isoforms 1 and 1B is distinct.

### 通路

Protein modification; protein ubiquitination.

### 序列相似性

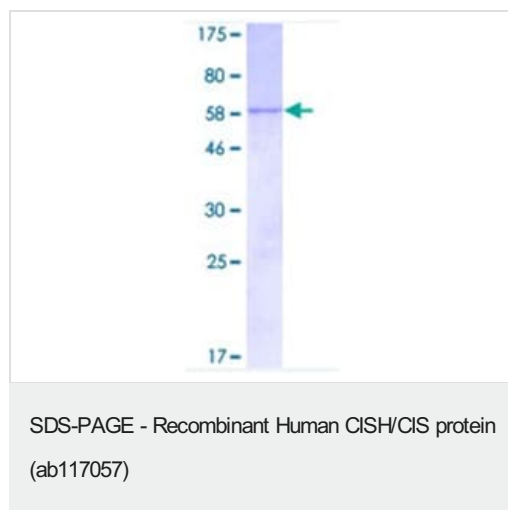
Contains 1 SH2 domain.

Contains 1 SOCS box domain.

### 翻译后修饰

Association with EPOR may target the protein for proteolysis by the ubiquitin-dependent proteasome pathway. CIS is mainly monubiquitinated (37 kDa form) but may also exist in a polyubiquitinated form (45 kDa).

## 图片



12.5% SDS-PAGE showing ab117057 at approximately 54.49 kDa.

Stained with Coomassie Blue.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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