

[Go to Product page](#)

## Datasheet for ABIN7318906 CSH1 Protein (His tag)

### Overview

Quantity:	50 µg
Target:	CSH1
Origin:	Human
Source:	Human Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This CSH1 protein is labelled with His tag.

### Product Details

Purpose:	Recombinant Human Placental Lactogen/CSH1 Protein (His Tag)
Sequence:	Val27-Phe217
Characteristics:	Recombinant Human Chorionic Somatomammotropin Hormone is produced by our Mammalian expression system and the target gene encoding Val27-Phe217 is expressed with a 6His tag at the C-terminus.
Purity:	> 95 % as determined by reducing SDS-PAGE.
Endotoxin Level:	< 1.0 EU per µg as determined by the LAL method.

### Target Details

Target:	CSH1
Alternative Name:	Placental Lactogen/CSH1 ( <a href="#">CSH1 Products</a> )
Background:	Background: Chorionic Somatomammotropin Hormone (CSH1) belongs to the Somatotropin/Prolactin family. It is located at the growth hormone locus on chromosome 17. It

## Target Details

is produced by cells in the syncytiotrophoblast layer of the placenta only during pregnancy. Although CSH1 does not interact with GHR but only activates PRLR through zinc-induced dimerization. It is expressed mainly in the placenta and utilizes multiple transcription initiation sites. CSH1 plays an important role in stimulating lactation, growth control and metabolism. Synonym: Chorionic Somatomammotropin Hormone, Choriomammotropin, Lactogen, Placental Lactogen, PL, CSH1, CSH2,CS-1,CSA,CSMT,hCS-1,hCS-A

Molecular Weight: 23.4 kDa

UniProt: [P0DML2](#)

Pathways: [Response to Growth Hormone Stimulus](#)

## Application Details

Restrictions: For Research Use only

## Handling

Format: Lyophilized

Reconstitution: Please refer to the printed manual for detailed information.

Buffer: Lyophilized from a 0.2 µm filtered solution of 20 mM PB, 150 mM NaCl, pH 7.2.

Storage: 4 °C,-20 °C,-80 °C

Storage Comment: Generally, lyophilized proteins are stable for up to 12 months when stored at -20 to -80°C. Reconstituted protein solution can be stored at 4-8°C for 2-7 days. Aliquots of reconstituted samples are stable at < -20°C for 3 months.