



# Recombinant Human Chorionic somatomammotropin hormone-like 1 (CSHL1)

<b>Product Code</b>	CSB-BP006055HU
<b>Abbreviation</b>	CSHL1
<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>	Q14406
<b>Product Type</b>	Recombinant Protein
<b>Immunogen Species</b>	Homo sapiens (Human)
<b>Purity</b>	>85% (SDS-PAGE)
<b>Sequence</b>	VQTV PLSRLFKEAM LQAHRAHQLA IDTYQEFISS WGMEAYITKE QKYSFLHDSQ TSFCFSDSIP TSSNMEETQQ KSNLELLHIS LLLIESRLEP VRFLRSTFTN NLVYDTSDDSD DYHLLKDLLE GQMLMGRLE DGSHLTGQTL KQTYSKFDTN SHNHDALLKN YGLLHCFRKD MDKVETFLRM VQCRSVEGSC GF
<b>Source</b>	Baculovirus
<b>Target Names</b>	CSHL1
<b>Protein Names</b>	Recommended name: Chorionic somatomammotropin hormone-like 1 Short name= Chorionic somatomammotropin-like Alternative name(s): Lactogen-like
<b>Expression Region</b>	27-222
<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 of Mature Protein
<b>Target Details</b>	This protein is a member of the somatotropin/prolactin family of hormones which play an important role in growth control. The gene, along with four other related genes, is located at the growth hormone locus on chromosome 17 where they are interspersed in the same transcriptional orientation; an arrangement which is thought to have evolved by a series of gene duplications. Although the five genes share a remarkably high degree of sequence identity, they are expressed selectively in different tissues. This particular family member is expressed in placental villi, although it was originally thought to be a pseudogene. In fact, alternative splicing suggests that the majority of the transcripts would be unable to express a secreted protein. Alternatively spliced transcript variants encoding different isoforms have been identified.
<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.

### Shelf Life

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.