

Recombinant Full Length Human CSHL1 Protein, Tag Free

Cat. No. CSHL1-13HFL Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human chorionic somatomammotropin hormone-like 1 (CSHL1), transcript variant 3 with C-Flag tag was expressed in HEK293.
Species	Human
Source	HEK293
ProteinLength	1-128 aa
Description	The protein encoded by this gene 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.
Form	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Molecular Mass	14.7 kDa

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AASequence	MEETQQKSNLELLHISLLIESRLEPVRFLRSTFTNNLVYDTSDSDDYHLLKDLEEGIQ MLMGRLEDGSHLTGQTLKQTYSKFDTNSHNHDALLKNYGLLHCFRKDMDKVETFLR MVQCRSVEGSCGFTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Notes	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage	Store at -80 centigrade. Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Concentration	>0.05 µg/µL as determined by microplate BCA method

GENE INFORMATION

Gene Name	CSHL1 chorionic somatomammotropin hormone-like 1 [Homo sapiens (human)]
Official Symbol	CSHL1
Synonyms	CSHL1; chorionic somatomammotropin hormone-like 1; CSHP1; chorionic somatomammotropin CS 5; CS 5; CSL; hCS L; MGC149868; growth hormone cluster; chorionic somatomammotropin CS-5; CS-5; hCS-L;
Gene ID	1444
mRNA Refseq	NM_001318
Protein Refseq	NP_001309
MIM	603515

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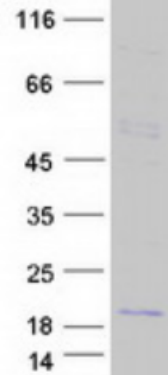
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UniProt ID

I6L999

SDS-PAGE



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