

Recombinant Human CSHL1 Protein, His-tagged

Cat. No. CSHL1-001H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CSHL1;chorionic somatomammotropin hormone like 1;CS-5;CSHP1;CSL;GHB4;hCS-L;His-tagged;Human
Species	Human
Source	E. coli
ProteinLength	27-222 aa
Description	CSHL1 (chorionic somatomammotropin hormone like 1) is a member of the somatotropin/prolactin family of hormones, playing a role in growth control. It is primarily expressed in placental villi and is involved in growth factor activity, growth hormone receptor binding, and the positive regulation of JAK-STAT receptor signaling pathway.
Form	Liquid
Molecular Mass	25 kDa (calculated)
AASequence	MGSSHHHHHHSSGLVPRGSHMVQTVPLSRLFKEAMLQAHRAHQLAIDTYQEFISS WGMEAYITKEQKYSFLHDSQTSFCFSDSIPTSSNMEETQKQSNLELLHISLLLIERSL EPVRFLRSTFTNNLVYDTSDDYHLLKDLEEGIQMLMGRLEDGSHLTGQTLKQTYS KFDTNSHNHDALLKNYGLLHCFRKMDKVVETFLRMVQCRSVEGSCGF
Endotoxin	<1.0 EU/ug (by LAL)

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Purity	>95% (by SDS-PAGE)
Storage	Store under sterile conditions at -20°C to -80°C, aliquot, avoid repeated freeze-thaw cycles
Concentration	1 mg/ml (by BCA)
Storage Buffer	Sterile PBS, pH7.4, 0.1% SKL

GENE INFORMATION

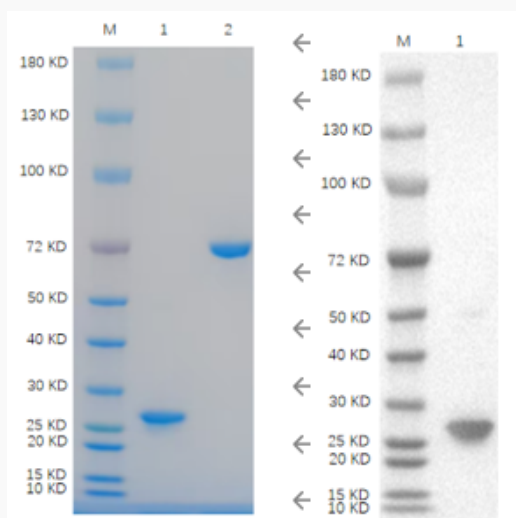
Gene Name	CSHL1
Official Symbol	NM_022579.3
Synonyms	NP_072101.1
Gene ID	https://www.ncbi.nlm.nih.gov/protein/NP_072101.1
mRNA Refseq	https://www.uniprot.org/uniprotkb/Q14406
Protein Refseq	https://www.ncbi.nlm.nih.gov/gene/1444
MIM	https://www.omim.org/entry/603515

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**SDS-PAGE and WB
analysis of CSHL1-
001H**



CSHL1-001H 1ug BSA 1ug Reducing 4%-20% SDS-PAGE (CBB stained) and WB (Anti-His Mouse Monoclonal antibody) analysis profiles of purified CSHL1-001H

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