

## Recombinant Human CSH1 protein, His-tagged

**Cat. No.** CSH1-203H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                     |
|-------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CSH1 protein(NP_001308.1) (Met 1-Phe 217) was expressed in HEK293, fused with a polyhistidine tag at the C-terminus.                                                              |
| <b>Species</b>          | Human                                                                                                                                                                                               |
| <b>Source</b>           | HEK293                                                                                                                                                                                              |
| <b>ProteinLength</b>    | 1-217 aa                                                                                                                                                                                            |
| <b>Form</b>             | Lyophilized from sterile PBS, pH 7.4.                                                                                                                                                               |
| <b>Molecular Mass</b>   | The secreted recombinant human CSH1 consists of 202 amino acids and has a calculated molecular mass of 23.7 kDa. It migrates as an approximately 25 kDa band in SDS-PAGE under reducing conditions. |
| <b>Endotoxin</b>        | < 1.0 EU per µg of the protein as determined by the LAL method.                                                                                                                                     |
| <b>Purity</b>           | > 87 % as determined by SDS-PAGE                                                                                                                                                                    |
| <b>Storage</b>          | Store it under sterile conditions at -20°C to -80°C upon receiving. Recommend to aliquot the protein into smaller quantities for optimal storage. Avoid repeated freeze-thaw cycles.                |
| <b>Reconstitution</b>   | It is recommended that sterile water be added to the vial to prepare a stock solution of 0.2 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.                       |

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## GENE INFORMATION

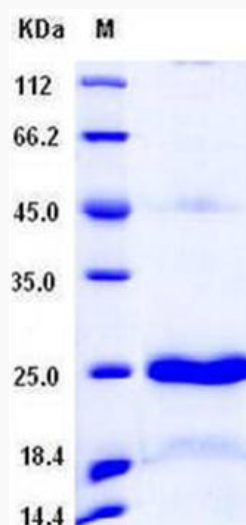
|                        |                                                                                                                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CSH1 chorionic somatomammotropin hormone 1 (placental lactogen) [ Homo sapiens ]                                                                                                                                          |
| <b>Official Symbol</b> | CSH1                                                                                                                                                                                                                      |
| <b>Synonyms</b>        | CSH1; chorionic somatomammotropin hormone 1 (placental lactogen); chorionic somatomammotropin hormone; choriomammotropin; chorionic somatomammotropin A; CSA; CSMT; FLJ75407; hCS A; PL; placental lactogen; CS-1; hCS-A; |
| <b>Gene ID</b>         | 1442                                                                                                                                                                                                                      |
| <b>mRNA Refseq</b>     | NM_001317                                                                                                                                                                                                                 |
| <b>Protein Refseq</b>  | NP_001308                                                                                                                                                                                                                 |
| <b>MIM</b>             | 150200                                                                                                                                                                                                                    |
| <b>UniProt ID</b>      | P01243                                                                                                                                                                                                                    |

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SDS-PAGE



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