

# Recombinant Human CHST11 protein, His-tagged

**Cat. No.** CHST11-148H    **Lot. No.** (See product label)

## SPECIFICATION

|                         |                                                                                                                                                                                                                        |
|-------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CHST11 protein(Q9NPF2-2) (Met36-Glu347) was expressed in Insect Cells with a C-terminal polyhistidine tag.                                                                                           |
| <b>Species</b>          | Human                                                                                                                                                                                                                  |
| <b>Source</b>           | Insect Cells                                                                                                                                                                                                           |
| <b>ProteinLength</b>    | 36-347 aa                                                                                                                                                                                                              |
| <b>Form</b>             | Lyophilized from sterile 20mM Tris, 500mM NaCl, 10% glycerol, pH 7.4.                                                                                                                                                  |
| <b>Molecular Mass</b>   | The secreted recombinant human CHST11 consists of 323 amino acids and predicts a molecular mass of 38.4 KDa. The apparent molecular mass of the protein is approximately 43 KDa 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>           | > 95 % 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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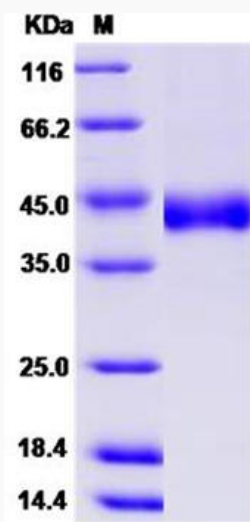
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**GENE INFORMATION**

|                        |                                                                                                                                                                                                                           |
|------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene Name</b>       | CHST11 carbohydrate (chondroitin 4) sulfotransferase 11 [ Homo sapiens ]                                                                                                                                                  |
| <b>Official Symbol</b> | CHST11                                                                                                                                                                                                                    |
| <b>Synonyms</b>        | CHST11; carbohydrate (chondroitin 4) sulfotransferase 11; carbohydrate sulfotransferase 11; C4ST; C4St 1; C4ST1; HSA269537; C4S-1; IgH/CHST11 fusion; chondroitin 4-O-sulfotransferase 1; C4ST-1; FLJ41682; DKFZp667A035; |
| <b>Gene ID</b>         | 50515                                                                                                                                                                                                                     |
| <b>mRNA Refseq</b>     | NM_001173982                                                                                                                                                                                                              |
| <b>Protein Refseq</b>  | NP_001167453                                                                                                                                                                                                              |
| <b>MIM</b>             | 610128                                                                                                                                                                                                                    |
| <b>UniProt ID</b>      | Q9NPF2                                                                                                                                                                                                                    |

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SDS-PAGE



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