

## Recombinant Human CHSY3 Protein, His-tagged

**Cat. No.** CHSY3-785H    **Lot. No.** (See product label)

### SPECIFICATION

|                         |                                                                                                                                                                                                                                                                                                                                              |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Overview</b> | Recombinant Human CHSY3 Protein (Glu685-Ser882) with His tag was expressed in E. coli.                                                                                                                                                                                                                                                       |
| <b>Species</b>          | Human                                                                                                                                                                                                                                                                                                                                        |
| <b>Source</b>           | E.coli                                                                                                                                                                                                                                                                                                                                       |
| <b>ProteinLength</b>    | Glu685-Ser882                                                                                                                                                                                                                                                                                                                                |
| <b>Description</b>      | CSS3 is a glycosyltransferase that has both glucuronyltransferase and N-acetylgalactosaminyltransferase activities.                                                                                                                                                                                                                          |
| <b>Form</b>             | Freeze-dried powder                                                                                                                                                                                                                                                                                                                          |
| <b>Molecular Mass</b>   | Predicted Molecular Mass: 26.3 kDa; Accurate Molecular Mass: 26 kDa                                                                                                                                                                                                                                                                          |
| <b>Purity</b>           | > 90%                                                                                                                                                                                                                                                                                                                                        |
| <b>Applications</b>     | Positive Control; Immunogen; SDS-PAGE; WB.                                                                                                                                                                                                                                                                                                   |
| <b>Stability</b>        | The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition. |

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|                       |                                                                                                                              |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------|
| <b>Storage</b>        | Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months. |
| <b>Storage Buffer</b> | PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.                                                      |
| <b>Reconstitution</b> | Reconstitute in PBS or others.                                                                                               |

## GENE INFORMATION

|                        |                                                               |
|------------------------|---------------------------------------------------------------|
| <b>Gene Name</b>       | CHSY3 chondroitin sulfate synthase 3 [ Homo sapiens (human) ] |
| <b>Official Symbol</b> | CHSY3                                                         |
| <b>Synonyms</b>        | CSS3; CHSY2                                                   |
| <b>Gene ID</b>         | 337876                                                        |
| <b>mRNA Refseq</b>     | NM_175856                                                     |
| <b>Protein Refseq</b>  | NP_787052                                                     |
| <b>MIM</b>             | 609963                                                        |
| <b>UniProt ID</b>      | Q70JA7                                                        |

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