

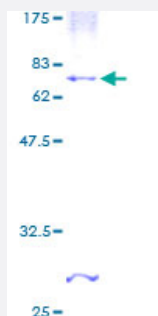
Full-Length

# CHST4 (Human) Recombinant Protein (P01)

Catalog # H00010164-P01

Size 25 ug, 10 ug

## Applications



## Specification

|                                      |                                                                                                                                                                                                                                                                                                                                                                                                   |
|--------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Description</b>           | Human CHST4 full-length ORF ( AAH35282, 1 a.a. - 370 a.a.) recombinant protein with GST-tag at N-terminal.                                                                                                                                                                                                                                                                                        |
| <b>Sequence</b>                      | MAILALFFHMYSHNISSLSMKAQPERMHVLVLSSWRSGSSFVGQLFGQHPDVFYLMPEAWHVW<br>MTFKQSTAWMLHMAVRDLIRAVFLCDMSVFDAYMEPGPRRQSSLFQWENSRALCSAPACDIIPQ<br>DEIIPRAHCRLLCSQQPFVEVEKACRSYSHVVLKEVRFFNLQSLYPLLKDPSLNLHVHLVRDPRA<br>VFRSRERTKGDLMDSRVMGQHEQKLKKEDQPYVVMQVICQSQLEIKTIQSLPKALQERYLLVRY<br>EDLARAPVAQTSRMYEFVGLFPLHLQTTWVHNITRGKGMGDHAFHTNARDALNVSQAWRWSLP<br>YEKVSRLQKACGDAMNLLGYRHVRSEQEQRNLLDLLSTWTVPEQIH |
| <b>Host</b>                          | Wheat Germ (in vitro)                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Theoretical MW (kDa)</b>          | 66.44                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Interspecies Antigen Sequence</b> | Mouse (73); Rat (73)                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Preparation Method</b>            | <a href="#">in vitro wheat germ expression system</a>                                                                                                                                                                                                                                                                                                                                             |
| <b>Purification</b>                  | Glutathione Sepharose 4 Fast Flow                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Quality Control Testing</b>       | 12.5% SDS-PAGE Stained with Coomassie Blue.                                                                                                                                                                                                                                                                                                                                                       |
| <b>Storage Buffer</b>                | 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.                                                                                                                                                                                                                                                                                                                          |

**Storage Instruction**

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

**Note**

Best use within three months from the date of receipt of this protein.

## Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

## Gene Info — CHST4

**Entrez GeneID**[10164](#)**GeneBank Accession#**[BC035282](#)**Protein Accession#**[AAH35282](#)**Gene Name**

CHST4

**Gene Alias**

LSST

**Gene Description**

carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 4

**Gene Ontology**[Hyperlink](#)**Other Designations**

HEC-GLCNAC-6-ST|N-acetylglucosamine 6-O-sulfotransferase

## Pathway

- [Keratan sulfate biosynthesis](#)
- [Metabolic pathways](#)