Recombinant Full Length Human CHST4 Protein, GST-tagged

Cat. No. CHST4-1835HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHST4 full-length ORF (AAH35282, 1 a.a. - 370 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	370 amino acids
Description	This gene encodes an N-acetylglucosamine 6-O sulfotransferase. The encoded enzyme transfers sulfate from 3'phosphoadenosine 5'phospho-sulfate to the 6-hydroxyl group of N-acetylglucosamine on glycoproteins. This protein is localized to the Golgi and is involved in the modification of glycan structures on ligands of the lymphocyte homing receptor L-selectin. Alternate splicing in the 5' UTR results in multiple transcript variants that encode the same protein. [provided by RefSeq, Oct 2009]
Molecular Mass	66.44 kDa
AA Sequence	MAILALFFHMYSHNISSLSMKAQPERMHVLVLSSWRSGSSFVGQLFGQHPDVFYLM EPAWHVWMTFKQSTAWMLHMAVRDLIRAVFLCDMSVFDAYMEPGPRRQSSLFQW ENSRALCSAPACDIIPQDEIIPRAHCRLLCSQQPFEVVEKACRSYSHVVLKEVRFFNL QSLYPLLKDPSLNLHIVHLVRDPRAVFRSRERTKGDLMIDSRIVMGQHEQKLKKEDQ PYYVMQVICQSQLEIYKTIQSLPKALQERYLLVRYEDLARAPVAQTSRMYEFVGLEFL PHLQTWVHNITRGKGMGDHAFHTNARDALNVSQAWRWSLPYEKVSRLQKACGDA

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	MNLLGYRHVRSEQEQRNLLLDLLSTWTVPEQIH
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name	CHST4 carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 4 [Homo sapiens]
Official Symbol	CHST4
Synonyms	GST3; LSST; GlcNAc6ST2; HECGLCNAC6ST
Gene ID	10164
mRNA Refseq	NM_001166395
Protein Refseq	NP_001159867
UniProt ID	Q8NCG5

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