

Recombinant Full Length Human CHST14 Protein, GST-tagged

Cat. No. CHST14-1831HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHST14 full-length ORF (NP_569735.1, 1 a.a. - 376 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	376 amino acids
Description	This gene encodes a member of the HNK-1 family of sulfotransferases. The encoded protein transfers sulfate to the C-4 hydroxyl of N-acetylgalactosamine residues in dermatan sulfate. Mutations in this gene have been associated with adducted thumb-clubfoot syndrome.[provided by RefSeq, Mar 2010]
Molecular Mass	69.4 kDa
AA Sequence	MFPRPLTPLAAPNGAEPLGRALRRAPLGRARAGLGGPPLLLPSMLMFAVIVASSGLL LMIERGILAEMKPLPLHPPGREGTAWRGKAPKPGGLSLRAGDADLQVRQDVRNRTL RAVCGQPGMPRDPWDLPGVQRRTLLRHILVSDRYRFLYCYVPKVACSNWKRVMKV LAGVLDSVDVRLKMDHRSDLVFLADLRPEEIYRLQHFKFLFVREPLERLLSAYRN KFGEIREYQQRYGAEIVRRYRAGAGPSPAGDDVTFPEFLRYLVDEDPERMNEHWM PVYHLCQPCAVHYDFVGSYERLEADANQVLEWVRAPPHVRFPARQAWYRPASPES LHYHLC SAPRALLQDVL PKYILDFSLFAYPLPNVTKEACQQ
Applications	Enzyme-linked Immunoabsorbent Assay

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	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	CHST14 carbohydrate (N-acetylgalactosamine 4-O) sulfotransferase 14 [Homo sapiens]
Official Symbol	CHST14
Synonyms	CHST14; carbohydrate (N-acetylgalactosamine 4-O) sulfotransferase 14; D4ST1, dermatan 4 sulfotransferase 1; carbohydrate sulfotransferase 14; D4ST 1; HD4ST; dermatan 4 sulfotransferase 1; ATCS; D4ST1; HNK1ST
Gene ID	113189
mRNA Refseq	NM_130468
Protein Refseq	NP_569735
MIM	608429
UniProt ID	Q8NCH0

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