Recombinant Full Length Human CHST13 Protein, GST-tagged

Cat. No. CHST13-1830HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHST13 full-length ORF (AAI03897.1, 1 a.a. - 225 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	225 amino acids
Description	The protein encoded by this gene belongs to the sulfotransferase 2 family. It is localized to the golgi membrane, and catalyzes the transfer of sulfate to the C4 hydroxyl of beta-1,4-linked N-acetylgalactosamine (GalNAc) flanked by glucuronic acid residue in chondroitin. Chondroitin sulfate constitutes the predominant proteoglycan present in cartilage and is distributed on the surfaces of many cells and extracellular matrices. [provided by RefSeq, Aug 2011]
Molecular Mass	51.9 kDa
AA Sequence	MGRRCCRRRVLAAACLGAALLLLCAAPRSLRPAFGNRALGSSWLGGEKRSPLQKL YDLDQDPRSTLAKVHRQRRDLLNSACSRHSRRQRLLQPEDLRHVLVDDAHGLLYCY VPKVACTNWKRVLLALSGQARGDPRAISAQEAHAPGRLPSLADFSPAEINRRLRAYL AFLFVREPFERLASAYRNKLARTRSATRVASATTSWASSRRWRRTRPSCWAWRAH PT
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	CHST13 carbohydrate (chondroitin 4) sulfotransferase 13 [Homo sapiens]
Official Symbol	CHST13
Synonyms	CHST13; carbohydrate (chondroitin 4) sulfotransferase 13; carbohydrate sulfotransferase 13; C4ST3; C4ST-3; chondroitin 4-sulfotransferase 3; chondroitin 4-O-sulfotransferase 3; MGC119278; MGC119279; MGC119281
Gene ID	166012
mRNA Refseq	NM_152889
Protein Refseq	NP_690849
MIM	610124
UniProt ID	Q8NET6

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