

Recombinant Human CHST11 Protein, GST-Tagged

Cat. No. CHST11-1295H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHST11 partial ORF (NP_060883, 230 a.a. - 337 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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 position 4 of the N-acetylgalactosamine (GalNAc) residue of chondroitin. Chondroitin sulfate constitutes the predominant proteoglycan present in cartilage, and is distributed on the surfaces of many cells and extracellular matrices. A chromosomal translocation involving this gene and IgH, t(12;14)(q23;q32), has been reported in a patient with B-cell chronic lymphocytic leukemia. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2011]
Molecular Mass	37.62 kDa
AA Sequence	RKGDDVKFEEFVAYLIDPHTQREEPFNEHWQTVYSLCHPCHIHVDLVGKYETLEEDS NYVLQLAGVGSYLKFPYAKSTRTTDEMTEFFQNISSEHQTQLYEYVKLD
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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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 [CHST11 carbohydrate \(chondroitin 4\) sulfotransferase 11 \[Homo sapiens \]](#)

Official Symbol [CHST11](#)

Synonyms CHST11; carbohydrate (chondroitin 4) sulfotransferase 11; carbohydrate sulfotransferase 11; C4ST; C4St 1; C4ST1; HSA269537; C4S-1; IgH/CHST11 fusion; chondroitin 4-O-sulfotransferase 1; C4ST-1; FLJ41682; DKFZp667A035;

Gene ID [50515](#)

mRNA Refseq [NM_001173982](#)

Protein Refseq [NP_001167453](#)

MIM [610128](#)

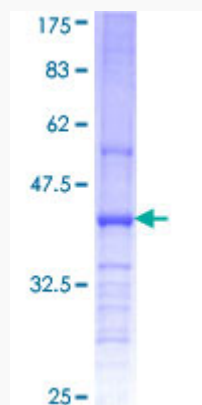
UniProt ID [Q9NPF2](#)

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**Quality Control
Testing**



12.5% SDS-PAGE Stained with Coomassie Blue.

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