

Recombinant Human CHST15 Protein, MYC/DDK-tagged

Cat. No. CHST15-3225H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHST15 protein, fused to MYC/DDK-tagged at C-terminus, was expressed in HEK293.
Species	Human
Source	HEK293
Description	Chondroitin sulfate (CS) is a glycosaminoglycan which is an important structural component of the extracellular matrix and which links to proteins to form proteoglycans. Chondroitin sulfate E (CS-E) is an isomer of chondroitin sulfate in which the C-4 and C-6 hydroxyl groups are sulfated. This gene encodes a type II transmembrane glycoprotein that acts as a sulfotransferase to transfer sulfate to the C-6 hydroxal group of chondroitin sulfate. This gene has also been identified as being co-expressed with RAG1 in B-cells and as potentially acting as a B-cell surface signaling receptor. Alternative splicing results in multiple transcript variants encoding distinct isoforms
Form	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol.
Molecular Mass	64.7 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

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GENE INFORMATION

Gene Name	CHST15 carbohydrate (N-acetylgalactosamine 4-sulfate 6-O) sulfotransferase 15 [Homo sapiens]
Official Symbol	CHST15
Synonyms	BRAG; GALNAC4S-6ST
Gene ID	51363
mRNA Refseq	NM_014863
Protein Refseq	NP_055678
MIM	608277
UniProt ID	Q7LFX5

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