

Recombinant Human CHST10 Protein, Myc/DDK-tagged

Cat. No. CHST10-967H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant protein of human carbohydrate sulfotransferase 10 (CHST10), with C-terminal MYC/DDK tag, expressed in HEK293T cells.
Species	Human
Source	HEK293
Description	This protein encoded by this gene transfers sulfate to the C-3 hydroxyl of terminal glucuronic acid of protein- and lipid-linked oligosaccharides. This protein was first identified as a sulfotransferase that acts on the human natural killer-1 (HNK-1) glycan; HNK-1 is a carbohydrate involved in neurodevelopment and synaptic plasticity.
Molecular Mass	42 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Stability	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
Storage	Store at -80 centigrade.
Concentration	>50 µg/mL as determined by microplate BCA method
Storage Buffer	25 mM Tris.HCl, pH 7.3, 100 mM glycine, 10% glycerol

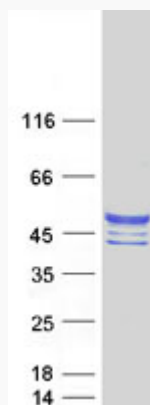
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GENE INFORMATION

Gene Name	CHST10 carbohydrate sulfotransferase 10 [Homo sapiens (human)]
Official Symbol	CHST10
Synonyms	CHST10; carbohydrate sulfotransferase 10; HNK1ST; HNK-1ST; carbohydrate sulfotransferase 10; HNK-1 sulfotransferase; huHNK-1ST; EC 2.8.2.-
Gene ID	9486
mRNA Refseq	NM_004854
Protein Refseq	NP_004845
MIM	606376
UniProt ID	O43529



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