

Recombinant Human CHST10 Protein, MYC/DDK-tagged, C13 and N15-labeled

Cat. No. CHST10-309H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	CHST10 MS Standard C13 and N15-labeled recombinant protein (NP_004845) with a C-terminal MYC/DDK tag, was expressed in HEK293 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. [provided by RefSeq, Feb 2011]
Molecular Mass	42.2 kDa
AA Sequence	MHHQWLLLAACFWVIFMFMVASKFITLTFKDPDVYSAKQEFLFTTMPEVRKLPEEK HIPEELKPTGKELPDSQLVQPLVYMERLELIRNVCRDDALKNLSHTPVSKFVLDRIFV CDKHKILFCQTPKVGNTQWKKVLIVLNGAFSSIEEIPENVVHDHEKNGLPRLSSFSDA EIQKRLKTYFKFFIVRDPFERLISAFKDKFVHNPRFEPWYRHEIAPGIIRKYRRNRTE RGIQFEDFVRYLGDPNHRWLDLQFGDHIIHWVTYVELCAPCEIMYSVIGHHETLEDD APYILKEAGIDHLVSYPTIPPGITVYNRTKVEHYFLGISKRDIRRLYARFEGDFKLFGYQ KPDFLLNTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining

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Stability	Stable for 3 months from receipt of products under proper storage and handling conditions.
Storage	Store at -80 centigrade. Avoid repeated freeze-thaw cycles.
Concentration	50 µg/mL as determined by BCA
Storage Buffer	100 mM glycine, 25 mM Tris-HCl, pH 7.3.

GENE INFORMATION

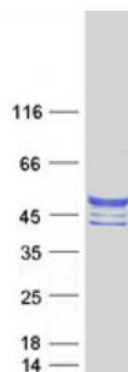
Gene Name	CHST10 carbohydrate sulfotransferase 10 [Homo sapiens (human)]
Official Symbol	CHST10
Synonyms	CHST10; carbohydrate sulfotransferase 10; HNK1ST; HNK-1ST; carbohydrate sulfotransferase 10; HNK-1 sulfotransferase; huHNK-1ST; EC 2.8.2.-
Gene ID	9486
mRNA Refseq	NM_004854
Protein Refseq	NP_004845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

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SDS-PAGE



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