

Product datasheet for **TP303793L**

CHST10 (NM_004854) Human Recombinant Protein

Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human carbohydrate sulfotransferase 10 (CHST10), 1 mg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203793 protein sequence Red =Cloning site Green =Tags(s)
	 MHHQWLLLAACFWVIFMFMVASKFITLTFKDPDVYSAKQEFLLTTPMEVRKLPPEEKHIPEELKPTGKEL PDSQLVQPLVYMERLELIRNVCRRDDALKNLSHTPVSKFVLDRI FVCDKHILFCQTPKVGNTQWKKVLIV LNGAFSSIEEIPENVVHDHEKNGLPRLSSFSDAEIQRLKTYKFFIVRDPFERLISAFKDKFVHNPRFE PWYRHEIAPGIIRKYRRNRTETRGIQFEDFVRYLGDPNHRWLDLQFGDHIHWWVTYVELCAPCEIMYSVI GHHETLEDDAPYILKEAGIDHLVSYPTIPPGITVYNRTKVEHYFLGISKRDIRRLYARFEGDFKLFYQK PDFLLN TRTRPLEQKLISEEDLAANDILDYKDDDDKV
Tag:	C-Myc/DDK
Predicted MW:	42 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, 100 mM glycine, pH 7.3, 10% glycerol
Preparation:	Recombinant protein was captured through anti-DDK affinity column followed by conventional chromatography steps.
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<u>NP_004845</u>
Locus ID:	9486



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UniProt ID: [O43529](#)

RefSeq Size: 2872

Cytogenetics: 2q11.2

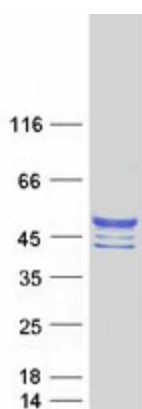
RefSeq ORF: 1068

Synonyms: HNK-1ST; HNK1ST

Summary: 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]

Protein Families: Transmembrane

Product images:



Coomassie blue staining of purified CHST10 protein (Cat# [TP303793]). The protein was produced from HEK293T cells transfected with CHST10 cDNA clone (Cat# [RC203793]) using MegaTran 2.0 (Cat# [TT210002]).