

## Product datasheet for TP303793M

### CHST10 (NM\_004854) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human carbohydrate sulfotransferase 10 (CHST10), 100 µg
Species:	Human
Expression Host:	HEK293T
Expression cDNA Clone or AA Sequence:	>RC203793 protein sequence <b>Red</b> =Cloning site <b>Green</b> =Tags(s)
	MHHQWLLLAACFWVIFMFMVASKFITLTFKDPDVYSAKQEFLLTTPMEVRKLPPEEKHIPEELKPTGKEL PDSQLVQPLVYMERLELIRNVCRRDDALKNLSHTPVSKFVLDRI FVCDKHILFCQTPKVGNTQWKKVLIV LNGAFSSIEEIPENVVHDHEKNGLPRLSSFSDAEIQRKLT YKFFIVRDPFERLISAFKDKFVHNPRFE PWYRHEIAPGIIRKYRRNRTETRGIQFEDFVRYLGDPNHRWLDLQFGDHIIHWVTYVELCAPCEIMYSVI GHHETLEDDAPYILKEAGIDHLVSYPTIPPGITVYNRTKVEHYFLGISKRDIRRLYARFEGDFKLFYQK PDFLLN
	<b>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</b>
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:	<a href="#">NP_004845</a>
Locus ID:	9486



[View online »](#)

UniProt ID: [O43529](#)

RefSeq Size: 2872

Cytogenetics: 2q11.2

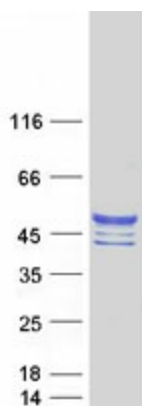
RefSeq ORF: 1068

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]).