

Carbohydrate Sulfotransferase 10 Human Recombinant

Item Number	rAP-2046
Synonyms	Carbohydrate Sulfotransferase 10, HNK1ST, HNK-1 Sulfotransferase, HuHNK-1ST, HNK-1ST, EC 2.8.2.-, EC 2.8.2, CHST10.
Description	CHST10 Human Recombinant produced in E.Coli is a single, non-glycosylated polypeptide chain containing 350 amino acids (28-356 a.a) and having a molecular mass of 41.2kDa. CHST10 is fused to a 21 amino acid His-tag at N-terminus & purified by proprietary chromatographic techniques.
Uniprot Accession Number	O43529
Amino Acid Sequence	MGSSHHHHHH SSGLVPRGSH MTFKDPDVYS AKQEFLFLT MPEVRKLPEE KHIPEELKPT GKELPD-SQLV QPLVYMERLE LIRNVCRDDA LKNLSHTPVS KFVLDRI FVC DKHKILFCQT PKVGNTQWKK VLIVLNGAFS SIEEIPENVV HDHEKNGLPR LSSFSDAEIQ KRLKTYFKFF IVRDPFERLI SAFKDKFVHN PRFEPWYRHE IAPGIIRKYR RNRTETRG IQ FEDFVRYLGD PNHRWLDLQF GDHIIHWVTY VELCAPCEIM YSVIGHHETL EDDAPYILKE AGIDHLVSYP TIPPGITVYN RTKVEHYFLG ISKRDIRRLY ARFEGDFKLF GYQKPDFLLN.
Source	Escherichia Coli.
Physical Appearance and Stability	Sterile Filtered colorless solution. Store at 4°C if entire vial will be used within 2-4 weeks. Store, frozen at -20°C for longer periods of time. For long term storage it is recommended to add a carrier protein (0.1% HSA or BSA). Avoid multiple freeze-thaw cycles.
Formulation and Purity	CHST10 protein solution (0.5mg/ml) containing 20mM Tris-HCl (pH8.0) and 10% glycerol. Greater than 85.0% as determined by SDS-PAGE.
Application	
Solubility	
Biological Activity	
Shipping Format and Condition	Lyophilized powder at room temperature.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**