

**CHST10, 28-356aa, Human, His tag, E.coli**

**Cat.NO.: TP01619**

3th Edition

**Synonyms:**Carbohydrate sulfotransferase 10, HNK-1ST, HNK1ST

**Description:**CHST10 also known as carbohydrate sulfotransferase 10. This protein was first identified as a sulfotransferase that acts on the human natural killer-1 (HNK-1) glycan. CHST10 is a carbohydrate involved in neurodevelopment and synaptic plasticity. Recombinant human CHST10 fused to His-tag at N-terminus, was expressed in E.coli.

**Form:**Liquid, In 20mM Tris-HCl (pH8.0) containing 10% glycerol

**Molecular Weight:**41.2kDa (350aa)

**Sequences:**

MGSSHHHHHHSSGLVPRGSHMTFKDPDVYSAKQEFLFLTTMPEVRKLP EEKHIP EELKPTGKELPDSQLVQPLVY  
MERLELIRNVCRDDALKNLSHTPVSKFVLDRIFVCDKHKILFCQTPKVGNTQWKKVLIVLNGAFSSIEEIPENVVHDH  
EKNGLPRLSSFSDAEIQRLKTYFKFFIVRDPFERLISAFKDKFVHNPRFEPWYRHEIAPGIIRKYRRNRRTETRGIQFE  
DFVRYLGDPNHRWLDLQFGDHHHWVTVYVELCAPCEIMYSVIGHHETLEDDAPYILKEAGIDHLVSYPTIPPGITVYNR  
TKVEHYFLGISKRDIRRLYARFEGDFKLFQKPDFLLN

**Purity:**> 95% by HPLC

**Concentration:**0.5mg/ml (determined by Bradford assay)

**Endotoxin Level:**<1.0 EU per 1 ug of protein (determined by LAL method)

**Storage:**Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.