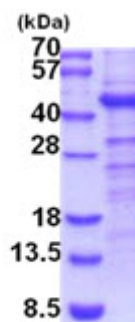


AR51856PU-N

Human CHST10 (28-356, His-tag) - Purified

Alternate names:	Carbohydrate sulfotransferase 10, HNK-1 sulfotransferase, HNK-1ST, HNK1ST
Quantity:	0.25 mg
Concentration:	0.5 mg/ml (determined by Bradford assay)
Background:	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.
Uniprot ID:	Q43529
NCBI:	NP_004845
GeneID:	9486
Species:	Human
Source:	E. coli
Format:	State: Liquid purified protein Purity: >85% by SDS - PAGE Buffer System: Liquid, In 20mM Tris-HCl (pH8.0) containing 10% glycerol.
Description:	Recombinant human CHST10 fused to His-tag at N-terminus, was expressed in E.coli. AA Sequence: MGSSHHHHH SSGLVPRGSH MTFKDPDVYS AKQEFLFLT MPEVRKLPEE KHIPEELKPT GKELPDSQLV QPLVYMERLE LIRNVCRRDA LKNLSHTPVV KFVLDRIFVC DKHKILFCQT PKVGNTQWKK VLIVLNGAFS SIEEIPENVV HDHEKNGLPR LSSFSDAEIQ KRLKTYFKFF IVRDPFERLI SAFKDKFVHN PRFEPWYRHE IAPGIIRKYR RNRTETRGIQ FEDFVRYLGD PNHRWLDLQF GDHIIHWVTY VELCAPCEIM YSVIGHHETL EDDAPYILKE AGIDHLVSYP TIPPGITVYN RTKVEHYFLG ISKRDIRRLY ARFEGDFKLF GYQKPDFLLN Molecular weight: 41.2 kDa (350aa)
Storage:	Store undiluted at 2-8°C for one week or (in aliquots) at -20°C to -80°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	Nakagawa N., et al. (2013) Biol. Chem. 287 (36), 30823-30832
Pictures:	



15% SDS-PAGE (3ug)