

Active Recombinant Human CHST10 Protein, His-tagged

Cat. No. CHST10-969H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHST10 (Accession # O43529) Pro32-Asn356, fused with a C-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
ProteinLength	Pro32-Asn356
Predicted N Terminal	Pro32
Form	Supplied as a 0.2 µ filtered solution in Tris and NaCl.
Bio-activity	Measured by its ability to transfer sulfate from PAPS to phenolphthalein glucuronic acid. The specific activity is >350 pmol/min/g, as measured under the described conditions.
Molecular Mass	Recombinant Human CHST10, His-tagged has a calculated MW of 39 kDa. In SDS-PAGE migrates as 55-75 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 µg per lane.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4°C); After reconstitution under sterile conditions for 3

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

months (-70°C).

GENE INFORMATION

Gene Name	CHST10 carbohydrate sulfotransferase 10 [Homo sapiens (human)]
Official Symbol	CHST10
Synonyms	HNK1ST; HNK-1ST; carbohydrate sulfotransferase 10; carbohydrate sulfotransferase 10; HNK-1 sulfotransferase; huHNK-1ST
Gene ID	9486
mRNA Refseq	NM_004854.4
Protein Refseq	NP_004845.1
MIM	606376
UniProt ID	O43529
Chromosome Location	2q11.2

 Tel: 1-631-559-9269 1-516-512-3133 Email: info@creative-biomart.com  Fax: 1-631-938-8127 45-1 Ramsey Road, Shirley, NY 11967, USA