

Active Recombinant Human CHST1 Protein, His-tagged

Cat. No. CHST1-539H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHST1 (Accession # NP_003645) Arg24-Ser411, fused with an N-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
ProteinLength	Arg24-Ser411
Predicted N Terminal	His
Form	Supplied as a 0.2 µ filtered solution in Tris-HCl and NaCl.
Bio-activity	Measured by its ability to transfer sulfate from PAPS to alpha -Lactose. The specific activity is >500 pmol/min/g, as measured under the described conditions.
Molecular Mass	Recombinant Human CHST1, His-tagged has a calculated MW of 45 kDa. In SDS-PAGE migrates as 58 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
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 months (-70°C).

 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

GENE INFORMATION**Gene Name** CHST1 carbohydrate (keratan sulfate Gal-6) sulfotransferase 1 [Homo sapiens]**Official Symbol** CHST1**Synonyms** CHST1; carbohydrate (keratan sulfate Gal-6) sulfotransferase 1; carbohydrate sulfotransferase 1; C6ST; KSGal6ST; carbohydrate (chondroitin 6/keratan) sulfotransferase 1; galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 1; KSST; GST-1; KS6ST;**Gene ID** 8534**mRNA Refseq** NM_003654**Protein Refseq** NP_003645**MIM** 603797**UniProt ID** O43916**Chromosome Location** 11p11.2 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