Active Recombinant Human CHST4 Protein, His-tagged

Cat. No. CHST4-561H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHST4 (Accession # NP_005760) His29-His386, fused with an N-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
ProteinLength	His29-His386
Predicted N Terminal	His
Form	Supplied as a 0.2 μm filtered solution in Tris, NaCl and Glycerol.
Bio-activity	Measured by its ability to transfer sulfate from PAPS to N-acetyl-D-glucosamine.The specific activity is >150 pmol/min/μg, as measured under the described conditions.
Molecular Mass	Recombinant Human CHST4, His-tagged has a calculated MW of 43 kDa. In SDS-PAGE migrates as 45 kDa, reducing conditions.
Purity	>85%, 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 (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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Reconstitution	Reconstitute at 250 g/mL in PBS.

GENE INFORMATION

Gene Name	CHST4 carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 4 [Homo sapiens]
Official Symbol	CHST4
Synonyms	CHST4; carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 4; carbohydrate sulfotransferase 4; HEC GLCNAC 6 ST; LSST; GST-3; gn6st-2; glcNAc6ST-2; HEC-GlcNAc6ST; L-selectin ligand sulfotransferase; N-acetylglucosamine 6-O-sulfotransferase 2; high endothelial cells N-acetylglucosamine 6-O-sulfotransferase; galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 3; galactose/N-acetylglucosamine/N-acetylgalactosamine 6-O-sulfotransferase 3; GST3; GlcNAc6ST2; HECGLCNAC6ST;
Gene ID	10164
mRNA Refseq	NM_001166395
Protein Refseq	NP_001159867
MIM	
UniProt ID	Q8NCG5
Chromosome Location	16q22.2

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