

Active Recombinant Human CHST6 Protein, His-tagged

Cat. No. CHST6-738H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHST6 (Accession # NP_067628) Ser27-Asn395, fused with an N-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
ProteinLength	Ser27-Asn395
Predicted N Terminal	His
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 N-acetyl-D-glucosamine. The specific activity is >50 pmol/min/g, as measured under the described conditions.
Molecular Mass	Recombinant Human CHST6, His-tagged has a calculated MW of 42 kDa. In SDS-PAGE migrates as 55 kDa, under 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).

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GENE INFORMATION

Gene Name	CHST6 carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 6 [Homo sapiens]
Official Symbol	CHST6
Synonyms	CHST6; carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 6; MCDC1; carbohydrate sulfotransferase 6; gn6st-5; hCGn6ST; GST4-beta; C-GlcNAc6ST; glcNAc6ST-5; N-acetylglucosamine 6-O-sulfotransferase 5; corneal N-acetylglucosamine 6-sulfotransferase; corneal N-acetylglucosamine-6-O-sulfotransferase; galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 4-beta;
Gene ID	4166
mRNA Refseq	NM_021615
Protein Refseq	NP_067628
MIM	605294
UniProt ID	Q9GZX3
Chromosome Location	16q22

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