

Recombinant Human CHST6 protein, His-tagged

Cat. No. CHST6-2716H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHST6 protein(211-287 aa), fused to His tag, was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	211-287 aa
Form	The purified protein was Lyophilized from sterile PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH7.4). 5 % trehalose and 5 % mannitol are added as protectant before lyophilization. The elution buffer contain 300mM imidazole.
AA Sequence	REQTAKALARDNGIVLGTNGTWVEADPGLRVVREVCRRSHVRIAEAAATLKPPPFLRG RYRLVRFEDLAREPLAEIRAL
Purity	95%, by SDS-PAGE with Coomassie Brilliant Blue staining.
Storage	Short-term storage: Store at 2-8°C for (1-2 weeks). Long-term storage: Aliquot and store at -20°C to -80°C for up to 3 months, buffer containing 50% glycerol is recommended for reconstitution. Avoid repeat freeze-thaw cycles.
Reconstitution	Reconstitute at 0.25 µg/µl in 200 µl sterile water for short-term storage. Reconstitution with 200 µl 50% glycerol solution is recommended for longer term

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storage.

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

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