

Recombinant Human CHST6 Protein, His-tagged

Cat. No. CHST6-327H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHST6 fused with His tag at N-terminal was expressed in E. coli.
Species	Human
Source	E.coli
Description	The protein encoded by this gene is an enzyme that catalyzes the transfer of a sulfate group to the GlcNAc residues of keratan. Keratan sulfate helps maintain corneal transparency. Defects in this gene are a cause of macular corneal dystrophy (MCD).
Form	25mM Tris, pH8.0, 150 mM NaCl, 10% glycerol, 1 % Sarkosyl. Store at -80 centigrade entigradeentigrade. Avoid repeated freeze-thaw cycles. Stable for at least 3 months from receipt of products under proper storage and handling conditions.
Molecular Mass	43.9 kDa
Purity	> 80% as determined by SDS-PAGE and Coomassie blue staining
Concentration	>50 ug/mL as determined by microplate BCA method

GENE INFORMATION

Gene Name	CHST6 carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 6 [Homo sapiens]
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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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