

Recombinant Human CHST6 Protein, GST-tagged

Cat. No. CHST6-1347H Lot. No. (See product label)

SPECIFICATION

Product Overview	Human CHST6 partial ORF (NP_067628, 296 a.a. - 395 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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). [provided by RefSeq, Jan 2010]
Molecular Mass	36.74 kDa
AA Sequence	TPQLEAWIHNITHGSGPGARREAFKTSSRNALNVSQAWRHALPFAKIRRVQELCAG ALQLLGYPVYSEDEQRNLALDLVLPRLNGFTWASSTASHPRN
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array
Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

 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

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

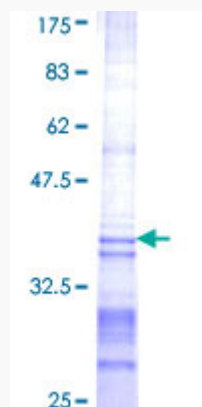
MIM 605294

UniProt ID Q9GZX3

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Quality Control**Testing:**

12.5% SDS-PAGE Stained with Coomassie Blue.

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