

## Product datasheet for **TP760211**

### CHST6 (NM\_021615) Human Recombinant Protein

#### Product data:

Product Type:	Recombinant Proteins
Description:	Recombinant protein of human carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 6 (CHST6), full length, with N-terminal HIS tag, expressed in E.Coli, 50ug
Species:	Human
Expression Host:	E. coli
Expression cDNA Clone or AA Sequence:	A DNA sequence encoding human full-length CHST6
Tag:	N-His
Predicted MW:	43.9 kDa
Concentration:	>0.05 µg/µL as determined by microplate BCA method
Purity:	> 80% as determined by SDS-PAGE and Coomassie blue staining
Buffer:	25 mM Tris-HCl, pH 8.0, 150 mM NaCl, 1% sarkosyl, 10% glycerol
Note:	For testing in cell culture applications, please filter before use. Note that you may experience some loss of protein during the filtration process.
Storage:	Store at -80°C.
Stability:	Stable for 12 months from the date of receipt of the product under proper storage and handling conditions. Avoid repeated freeze-thaw cycles.
RefSeq:	<a href="#">NP_067628</a>
Locus ID:	4166
UniProt ID:	<a href="#">Q9GZX3</a>
RefSeq Size:	6885
Cytogenetics:	16q23.1
RefSeq ORF:	1185
Synonyms:	C-GlcNAc6ST; glcNAc6ST-5; gn6st-5; GST4-beta; hCGn6ST; MCDC1



[View online »](#)

**Summary:**

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]

**Protein Pathways:**

Keratan sulfate biosynthesis, Metabolic pathways

**Product images:**