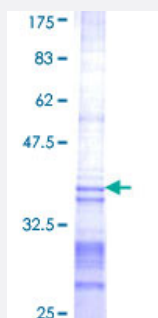


CHST6 (Human) Recombinant Protein (Q01)

Catalog # H00004166-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CHST6 partial ORF (NP_067628, 296 a.a. - 395 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	TPQLEAWIHNITHGSGPGARREAFKTSSRNALNVSQAWRHALPFAKIRRVQELCAGALQLLGYP VYSEDEQRNLALDLVLPRLNGFTWASSTASHPRN
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (78); Rat (79)
Preparation Method	in vitro wheat germ expression system
Purification	Glutathione Sepharose 4 Fast Flow
Quality Control Testing	12.5% SDS-PAGE Stained with Coomassie Blue.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
Storage Instruction	Store at -80°C. Aliquot to avoid repeated freezing and thawing.
Note	Best use within three months from the date of receipt of this protein.

Applications

- Enzyme-linked Immunoabsorbent Assay
- Western Blot (Recombinant protein)
- Antibody Production
- Protein Array

Gene Info — CHST6

Entrez GeneID	4166
GeneBank Accession#	NM_021615
Protein Accession#	NP_067628
Gene Name	CHST6
Gene Alias	MCDC1
Gene Description	carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 6
Omim ID	217800 605294
Gene Ontology	Hyperlink
Gene Summary	corneal
Other Designations	OTTHUMP00000174952 carbohydrate sulfotransferase 6 corneal N-acetylglucosamine 6-sulfotransferase macular dystrophy, corneal, 1

Pathway

- [Keratan sulfate biosynthesis](#)
- [Metabolic pathways](#)

Disease

- [Genetic Predisposition to Disease](#)