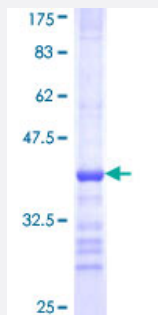


CHST3 (Human) Recombinant Protein (Q01)

Catalog # H00009469-Q01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CHST3 partial ORF (NP_004264, 312 a.a. - 411 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	VAFAGKYKTWKKWLDDEGQDGLREEEVQRLRGNCESIRLSAELGLRQPAWLRGRYMLVRYEDV ARGPLQKAREMYRFAGIPLTPQVEDWIQKNTQAAHDG
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	36.74
Interspecies Antigen Sequence	Mouse (85); Rat (85)
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 — CHST3

Entrez GeneID [9469](#)

GeneBank Accession# [NM_004273](#)

Protein Accession# [NP_004264](#)

Gene Name CHST3

Gene Alias C6ST, C6ST1, HSD

Gene Description carbohydrate (chondroitin 6) sulfotransferase 3

Omim ID [603799](#) [608637](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene encodes an enzyme which catalyzes the sulfation of chondroitin, a proteoglycan found in the extracellular matrix and most cells which is involved in cell migration and differentiation. Mutations in this gene are associated with spondylepiphyseal dysplasia and humerospinal dysostosis. [provided by RefSeq]

Other Designations OTTHUMP00000019779|chondroitin 6-sulfotransferase

Pathway

- [Chondroitin sulfate biosynthesis](#)

Disease

- [Alzheimer Disease](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Chromosome Deletion](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)