

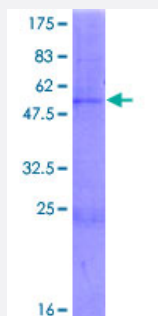
Full-Length

CHST13 (Human) Recombinant Protein (P01)

Catalog # H00166012-P01

Size 25 ug, 10 ug

Applications



Specification

Product Description	Human CHST13 full-length ORF (AAI03897.1, 1 a.a. - 225 a.a.) recombinant protein with GST-tag at N-terminal.
Sequence	MGRRCRRRVLAAACLGAALLLLCAAPRSLRPAFGNRLGSSWLGG EKRSPLQKLYDL DQDPR STLAKVHRQRRDLLNSACSRHSRRQRLQPEDLRHVLVDDAHGLLYCYVPKVACTNWKRVLLAL SGQARGDPRAISAEAHAPGRLPSLADFSPA EINRRLRAYLAFLFVREPFERLASAYRNKLARTR SATRVASATTWASSRRWRTRPSCWAWRAHPT
Host	Wheat Germ (in vitro)
Theoretical MW (kDa)	51.9
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 — CHST13

Entrez GeneID	166012
GeneBank Accession#	BC103896.1
Protein Accession#	AAI03897.1
Gene Name	CHST13
Gene Alias	C4ST3, MGC119278, MGC119279, MGC119281
Gene Description	carbohydrate (chondroitin 4) sulfotransferase 13
Omim ID	610124
Gene Ontology	Hyperlink
Gene Summary	C4ST3 transfers sulfate to the C-4 hydroxyl of beta-1,4-linked GalNAc flanked by GlcUA residues in chondroitin (Kang et al., 2002 [PubMed 12080076]).[supplied by OMIM]
Other Designations	chondroitin 4-O-sulfotransferase 3

Pathway

- [Chondroitin sulfate biosynthesis](#)
- [Sulfur metabolism](#)

Disease

- [Kidney Failure](#)