

Recombinant Human CHST1 Protein

Catalog #	Source	Reactivity	Applications
CST1657	E. coli	H	
Description	Recombinant Human CHST1 Protein is produced by E. coli expression system and the target gene encoding Ala111-Met310 is expressed with N-terminus SUMO & C-terminus His tag.		
Form	Liquid in a 0.2 µm filtered solution of PBS, pH 7.4.		
Gene Symbol	CHST1		
Alternative Names	Carbohydrate sulfotransferase 1; Galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 1; GST-1; Keratan sulfate Gal-6 sulfotransferase; KS6ST; KSGal6ST; KSST		
Entrez Gene	8534		
SwissProt	O43916		
Purity			
Chemical Structure	ADRRVMLGAS RDLLRSLYDC DLYFLENYIK PPPVNHTTDR IFRRGASRVL CSRPVCDPPG PADLVLEEGD CVRKCGLLNL TVAAEACRER SHVAIKTVRV PEVNDLRALV EDPRNLNKVI QLVRDPRGIL ASRSETFRDT YRLWRLWYGT GRKPYNLDVT QLTTVCEDFS NSVSTGLMRP PWLKGKYMLV RYEDLARNPM		
Quality Control			
Directions for Use	Always centrifuge tubes before opening. Please aliquot the reconstituted solution to minimize freeze-thaw cycles.		
Storage/Stability	Store it at -20°C to -80°C for one year. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.		

Application key: E- ELISA, WB- Western blot, IH- Immunohistochemistry, IF- Immunofluorescence, FC- Flow cytometry, IC- Immunocytochemistry, IP- Immunoprecipitation, ChIP- Chromatin Immunoprecipitation, EMSA- Electrophoretic Mobility Shift Assay, BL- Blocking, SE- Sandwich ELISA, CBE- Cell-based ELISA, RNAi- RNA interference

Species reactivity key: H- Human, M- Mouse, R- Rat, B- Bovine, C- Chicken, D- Dog, G- Goat, Mk- Monkey, P- Pig, Rb- Rabbit, S- Sheep, Z- Zebrafish

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