Active Recombinant Human CHST3, His-tagged

Cat. No. CHST3-352H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human CHST3 (Accession # AAH93690) Glu39-Thr479, fused with an N-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Human
Source	CHO
ProteinLength	39-479 a.a.
Predicted N Terminal	His
Form	Supplied as a 0.2 μm filtered solution in Tris and NaCl.
Bio-activity	Measured by its ability to transfer sulfate from PAPS to chondroitin sulfate.The specific activity is >350 pmol/min/μg, as measured under the described conditions.
Molecular Mass	Recombinant Human CHST3, His-tagged has a calculated MW of 51 kDa. In SDS-PAGE migrates as 66-90 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by Colloidal Coomassie® Blue stain at 5 μg per lane.
Storage	Avoid repeated freeze-thaw cycles. No activity loss was observed after storage at: In lyophilized state for 1 year (4ºC); After reconstitution under sterile conditions for 3 months (-70ºC).

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GENE INFORMATION

Gene Name	CHST3 carbohydrate (chondroitin 6) sulfotransferase 3 [Homo sapiens]
Official Symbol	CHST3
Synonyms	CHST3; carbohydrate (chondroitin 6) sulfotransferase 3; carbohydrate sulfotransferase 3; C6ST; C6ST1; GST-0; C6ST-1; chondroitin 6-O-sulfotransferase 1; galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 0; HSD;
Gene ID	9469
mRNA Refseq	NM_004273
Protein Refseq	NP_004264
MIM	603799
UniProt ID	Q7LGC8
Chromosome Location	10q22.1

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