Active Recombinant Mouse Chst3 Protein, His-tagged

Cat. No. Chst3-705M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Chst3 (Accession # NP_058083) Glu39-Thr472, fused with an N-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Mouse
Source	CHO
ProteinLength	Glu39-Thr472
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 Mouse Chst3, His-tagged has a calculated MW of 50 kDa. In SDS-PAGE migrates as 60-80 kDa, reducing conditions.
Purity	>95%, by SDS-PAGE under reducing conditions and visualized by silver stain.
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/keratan) sulfotransferase 3 [Mus musculus]
Official Symbol	Chst3
Synonyms	CHST3; carbohydrate (chondroitin 6/keratan) sulfotransferase 3; carbohydrate sulfotransferase 3; chondroitin 6-sulfotransferase; chondroitin 6-O-sulfotransferase 1; galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 0; C6ST; GST-0; C6ST-1;
Gene ID	53374
mRNA Refseq	NM_016803
Protein Refseq	NP_058083
MIM	

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