Active Recombinant Mouse Chst5 Protein, His-tagged

Cat. No. Chst5-723M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Chst5 (Accession # NP_064334) Ser27-Ser395, fused with an N-terminal 6-His tag, was produced in Chinese Hamster Ovary cell line, CHO-derived.
Species	Mouse
Source	CHO
ProteinLength	Ser27-Ser395
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 N-acetyl-D-glucosamine.The specific activity is >300 pmol/min/μg, as measured under the described conditions.
Molecular Mass	Recombinant Mouse Chst5, His-tagged has a calculated MW of 42 kDa. In SDS-PAGE migrates as 57 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	Chst5 carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 5 [Mus musculus]
Official Symbol	Chst5
Synonyms	CHST5; carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 5; carbohydrate sulfotransferase 5; GST4; mIGn6ST; I-GlcNAc6ST; glcNAc6ST-3; intestinal GlcNAc-6-sulfotransferase; N-acetylglucosamine 6-O-sulfotransferase 3; intestinal N-acetylglucosamine-6-O-sulfotransferase; galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 4; GST-4; Gn6st-3; AI173964; I-GlcNAc-6-ST;
Gene ID	56773
mRNA Refseq	NM_019950
Protein Refseq	NP_064334
MIM	

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