Recombinant Mouse Chst5 Protein, Fc-tagged

Cat. No. Chst5-990M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant mouse Chst5 (NP_064334.1) (Ser27-Ser395) was expressed with the Fc region of human IgG1 at the N-terminus.
Species	Mouse
Source	HEK293
ProteinLength	27-395 a.a.
Predicted N Terminal	Glu
Form	Lyophilized from sterile PBS, pH 7.4, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant mouse Chst5 consists 629 amino acids and predicts a molecular mass of 70.1 kDa.
Endotoxin	< 1.0 EU per μg of the protein as determined by the LAL method.
Purity	>90 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70ºC.
Storage	Store it under sterile conditions at -20ºC~-70ºC. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA

Reconstitution	It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4℃ before opening to recover the entire contents.

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-
Gene ID	56773
mRNA Refseq	NM_019950
Protein Refseq	NP_064334
MIM	
UniProt ID	
Pathway	Glycosaminoglycan biosynthesis - keratan sulfate, organism-specific biosystem; Glycosaminoglycan biosynthesis - keratan sulfate, conserved biosystem;
Function	N-acetylglucosamine 6-O-sulfotransferase activity; N-acetylglucosamine 6-O-sulfotransferase activity; sulfotransferase activity; transferase activity;

Tel: 1-631-559-9269 1-516-512-3133
Email: info@creative-biomart.com Fax: 1-631-938-8127
45-1 Ramsey Road, Shirley, NY 11967, USA