



Mouse Chst5 blocking peptide (CDBP0800)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Chst5 (mouse) antibody
Antigen Description	The protein encoded by this gene belongs to the Gal/GalNAc/GlcNAc 6-O-sulfotransferase (GST) family, members of which catalyze the transfer of sulfate to position 6 of galactose (Gal), N-acetylgalactosamine (GalNAc), or N-acetylglucosamine (GlcNAc) residues within proteoglycans, and sulfation of O-linked sugars of mucin-type acceptors. Carbohydrate sulfation plays a critical role in many biologic processes. This gene is predominantly expressed in colon and small intestine.
Species	Mouse
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

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;

Entrez Gene ID	56773
mRNA Refseq	NM_019950
Protein Refseq	NP_064334
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;