

Recombinant Human CHST5 Protein, GST-tagged

Cat. No. CHST5-1346H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human CHST5 partial ORF (NP_036258.1, 310 a.a. - 390 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	Wheat Germ
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. [provided by RefSeq, Aug 2011]
Molecular Mass	34.65 kDa
AA Sequence	GSGIGKPIEAFHTSSRNARNVSQAWRHALPFTKILRVQEV CAGALQLLGYRPVYSAD QQRDLTLDLVLPRGPDHFSWASPD
Applications	Enzyme-linked Immunoabsorbent Assay Western Blot (Recombinant protein) Antibody Production Protein Array

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Notes	Best use within three months from the date of receipt of this protein.
Storage	Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.
Storage Buffer	50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.
GENE INFORMATION	
Gene Name	CHST5 carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 5 [Homo sapiens]
Official Symbol	CHST5
Synonyms	CHST5; carbohydrate (N-acetylglucosamine 6-O) sulfotransferase 5; carbohydrate sulfotransferase 5; FLJ22167; I GLCNAC 6 ST; GST4-alpha; intestinal GlcNAc-6-sulfotransferase; N-acetylglucosamine 6-O-sulfotransferase 3; galactose/N-acetylglucosamine/N-acetylglucosamine 6-O-sulfotransferase 4-alpha; gn6st-3; hIGn6ST; I-GlcNAc6ST; glcNAc6ST-3; I-GlcNAc-6-ST; MGC74625;
Gene ID	23563
mRNA Refseq	NM_024533
Protein Refseq	NP_078809
MIM	604817
UniProt ID	Q9GZS9
Quality Control Testing:	12.5% SDS-PAGE Stained with Coomassie Blue.

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