



Human ST3GAL6 blocking peptide (CDBP2820)

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

PRODUCT INFORMATION

Product Overview	Blocking peptide for anti-ST3gal6 antibody
Antigen Description	The protein encoded by this gene is a member of the sialyltransferase family. Members of this family are enzymes that transfer sialic acid from the activated cytidine 5'-monophospho-N-acetylneuraminic acid to terminal positions on sialylated glycolipids (gangliosides) or to the N- or O-linked sugar chains of glycoproteins. This protein has high specificity for neolactotetraosylceramide and neolactohexaosylceramide as glycolipid substrates and may contribute to the formation of selectin ligands and sialyl Lewis X, a carbohydrate important for cell-to-cell recognition and a blood group antigen. Alternative splicing results in multiple transcript variants that encode different protein isoforms. [provided by RefSeq, Sep 2012]
Species	Human
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	200 µg/ml
Size	50 µg
Buffer	PBS containing 0.02% sodium azide
Preservative	0.02% Sodium Azide
Storage	Store at -20°C, stable for one year.

GENE INFORMATION

Gene Name	ST3GAL6 ST3 beta-galactoside alpha-2,3-sialyltransferase 6 [Homo sapiens]
Official Symbol	ST3GAL6
Synonyms	ST3GAL6; ST3 beta-galactoside alpha-2,3-sialyltransferase 6; sialyltransferase 10 (alpha 2,3 sialyltransferase VI) , SIAT10; type 2 lactosamine alpha-2,3-sialyltransferase; ST3GALVI; ST3Gal VI; alpha2,3-sialyltransferase; sialyltransferase 10 (alpha-2,3-sialyltransferase VI); CMP-NeuAc:beta-galactoside alpha-2,3-sialyltransferase VI; SIAT10;
Entrez Gene ID	10402
mRNA Refseq	NM_006100
Protein Refseq	NP_006091
UniProt ID	Q9Y274
Chromosome Location	3q12.2
Pathway	Glycosphingolipid biosynthesis - lacto and neolacto series, organism-specific biosystem; Glycosphingolipid biosynthesis - lacto and neolacto series, conserved biosystem; Metabolic pathways, organism-specific biosystem; Pre-NOTCH Expression and Processing, organism-specific biosystem; Pre-NOTCH Processing in Golgi, organism-specific biosystem; Signal Transduction, organism-specific biosystem; Signaling by NOTCH, organism-specific biosystem;
Function	beta-galactoside alpha-2,3-sialyltransferase activity;