

Recombinant Human ST3GAL2 cell lysate

Cat. No. ST3GAL2-1702HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	The protein encoded by this gene is a type II membrane protein that catalyzes the transfer of sialic acid from CMP-sialic acid to galactose-containing substrates. The encoded protein is normally found in the Golgi but can be proteolytically processed to a soluble form. This protein, which is a member of glycosyltransferase family 29, can use the same acceptor substrates as does sialyltransferase 4A.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	ST3GAL2 ST3 beta-galactoside alpha-2,3-sialyltransferase 2 [Homo sapiens]
Official Symbol	ST3GAL2
Synonyms	ST3GAL2; ST3 beta-galactoside alpha-2,3-sialyltransferase 2; sialyltransferase 4B (beta galactosidase alpha 2,3 sialyltransferase) , SIAT4B; CMP-N-acetylneuraminate-beta-galactosamide-alpha-2,3-sialyltransferase 2; ST3GaIA.2; ST3GALII; SIAT4-B;

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	ST3Gal II; alpha 2,3-ST 2; beta-galactoside alpha-2,3-sialyltransferase; beta-galactoside alpha-2,3-sialyltransferase 2; Gal-beta-1,3-GalNAc-alpha-2,3-sialyltransferase; sialyltransferase 4B (beta-galactosidase alpha-2,3-sialyltransferase); SIAT4B; Gal-NAc6S;
Gene ID	6483
mRNA Refseq	NM_006927
Protein Refseq	NP_008858
MIM	607188
UniProt ID	Q16842
Chromosome Location	16q22.3
Pathway	Glycosaminoglycan biosynthesis - keratan sulfate, organism-specific biosystem; Glycosaminoglycan biosynthesis - keratan sulfate, conserved biosystem; Glycosphingolipid biosynthesis - ganglio series, organism-specific biosystem; Glycosphingolipid biosynthesis - ganglio series, conserved biosystem; Glycosphingolipid biosynthesis - globo series, organism-specific biosystem; Glycosphingolipid biosynthesis - globo series, conserved biosystem; Metabolic pathways, organism-specific biosystem;
Function	beta-galactoside (CMP) alpha-2,3-sialyltransferase activity;