

32-7574: Recombinant Human ST6 Sialyltransferase 2/ST6GalNAc2 (C-6His)

Gene : ST6GALNAC2

Gene ID : 10610

Uniprot ID : Q9UJ37

Description

Source: Human Cells.

MW :38.84kD.

Recombinant Human ST6GalNAc2 is produced by our Mammalian expression system and the target gene encoding Ser29-Arg374 is expressed with a 6His tag at the C-terminus. Alpha-N-Acetylgalactosaminide a-2,6-Sialyltransferase 2 (ST6GALNAC2) belongs to the glycosyltransferase 29 family that adds sialic acids to the non-reducing ends of glycoconjugates. At the cell surface, these modifications play roles in cell-cell and cell-substrate interactions, bacterial adhesion and protein targeting. ST6GALNAC2 is localized to the Golgi apparatus membrane. ST6GALNAC2 is highly expressed in lactating mammary glands and the adult testis; it is expressed at lower levels in the kidney. ST6GALNAC2 can catalyze 2,6-sialylation of the Tn antigen.

Product Info

Amount : 10 µg / 50 µg

Content : Supplied as a 0.2 µm filtered solution of 20mM PB,150mM NaCl,pH7.4.

Storage condition : Store at -20°C, stable for 6 months after receipt. Please minimize freeze-thaw cycles.

Amino Acid : SAVQRYPGPAAGARDTTSFEAFFQSKASNSWTGKGQACRHLHLAIQRHPHFRGLFNLSIPVLLWGDLPAL
WDRLSQHKAPYGWRGLSHQVIASLTSLLNGSESAKLFAPPRDTPPKCIRCAVVGNGGILNGSRQGPNIADHDY
VFRNLGAVIKGFERDVGTSTFYGFTVNTMKNSLVSYWNLGFTSVPQGQDLQYIFIPSDIRDYVMLRSAILGVPV
PEGLDKGDRPHAYFGPEASASKFKLLHPDFISYLTFRFLKSKLINTHFGDLYMPSTGALMLLTALHTCDQVSAYG
FITSNYWKFSDFYFERKMKPLIFYANHDLSEALWRLHKGILQLYQR

Application Note

Endotoxin : Less than 0.1 ng/µg (1 IEU/µg) as determined by LAL test.