

## 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 :** SAVQRYPGPAAGARDTTSFEAFFQSKASNSWTGKGQACRHLHLAIQRHHPFRGLFNLSIPVLLWGDLPAL  
WDRLSQHKAPYGWRGLSHQVIASSTLSLLNGSESAKLFAPPRDTPPKCIRCAVVGNGGILNGSRQGNIDAHDY  
VFRLNGAVIKGFERDVGTKTSFYGFTVNTMKNSLVSYWNLGFTSVPQGQDLQYIFIPSDIRDYVMLRSAILGVPV  
PEGLDKGDRPHAYFGPEASASKFKLLHPDFISYLTFLKSKLINTHFGDLYMPSTGALMLLTALHTCDQVSAYG  
FITSNYWKFSHDYFERKMKPLIFYANHDLSEALWLDLHKAGILQLYQR

### Application Note

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