

Recombinant Human ST6 Sialyltransferase 2/ST6GalNAc2 Protein(C-6His)

Cat.NO.: TP05243

3th Edition

Synonyms:Alpha-N-Acetylgalactosaminide Alpha-2;6-Sialyltransferase 2; GalNAc Alpha-2;6-Sialyltransferase II; ST6GalNAc II; ST6GalNAcII; SThM; Sialyltransferase 7B; SIAT7-B; ST6GALNAC2; SIAT7B; SIATL1; STHM

Description:Alpha-N-Acetylgalactosaminide α -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.

Form:PBS

Molecular Weight:38.8 kDa

Sequences:Ser29-Arg374

Purity:> 95% by HPLC

Concentration:

Endotoxin Level:<1.0 EU per 1 ug of protein (determined by LAL method)

Storage:Can be stored at +4°C short term (1-2 weeks). For long term storage, aliquot and store at -20°C or -70°C. Avoid repeated freezing and thawing cycles.