

ST6 Gal Sialyltransferase 2 (ST6GAL2)

Product Information

Cat#	DIA-867
Descriptions	ST6 Gal Sialyltransferase 2 (ST6GAL2) exhibits tissue-restricted expression mainly in the brain and mammary gland, mediates α -2,6 sialylation of specific glycoprotein substrates, and participates in neural development and tissue-specific glycosylation.
Applications	ST6 Gal Sialyltransferase 2 (ST6GAL2) is applied in tissue-specific sialylation detection kits and neural tissue glycan assay reagent development.
CAS No.	24-3-11308
Enzyme Commission Number	EC 2.4.3.1
Enzyme Source	Chinese Hamster Ovary cell line, CHO-derived human ST6 Gal Sialyltransferase 2/ST6GAL2 protein.
Reaction	a beta-D-galactoside + CMP-N-acetyl-beta-neuraminate = an N-acetyl-alpha-neuraminy- (2->6)-beta-D-galactosyl derivative + CMP + H ⁺
Activity Definition	Measured by its ability to transfer Neu5Ac from CMP-Neu5Ac to fetuin of fetal calf serum.