

ST3 Beta-Gal Alpha-2, 3-Sialyltransferase 2 (ST3GAL2)

Product Information

Cat#	DIA-861
Descriptions	ST3 Beta-Gal Alpha-2, 3-Sialyltransferase 2 (ST3GAL2) exhibits broad substrate specificity toward both N-linked and O-linked glycans, catalyzes α -2,3 sialylation of terminal galactose residues, and regulates cell adhesion and tumor-associated glycosylation patterns.
Applications	ST3 Beta-Gal Alpha-2, 3-Sialyltransferase 2 (ST3GAL2) is used for cell surface sialylation detection kits and tumor associated glycosylation assay reagent development.
CAS No.	24-3-41302
Enzyme Commission Number	EC 2.4.3.4
Enzyme Source	CHO-derived
Reaction	a beta-D-galactosyl- (1->3)-N-acetyl-alpha-D-galactosaminy derivative + CMP-N-acetyl-beta-neuraminate = an N-acetyl-alpha-neuraminy- (2->3)-beta-D-galactosyl- (1->3)-N-acetyl-alpha-D-galactosaminy derivative + CMP + H ⁺
Activity Definition	Measured by its ability to transfer Neu5Ac from CMP-Neu5Ac to bovine B1-3 galactosyl-N-acetyl galactosamine.