

ST6 Sialyltransferase 5 (ST6GALNAC5)

Product Information

Cat#	DIA-871
Descriptions	ST6 Sialyltransferase 5 (ST6GALNAC5) is specifically expressed in brain tissue, catalyzes α -2,6 sialic acid modification of glycosphingolipids, and plays critical roles in brain development, synaptic plasticity and neural function regulation.
Applications	ST6 Sialyltransferase 5 (ST6GALNAC5) is applied in brain specific glycosylation detection kits and synaptic function regulation assay reagent development.
CAS No.	24-3-71312
Enzyme Source	CHO-derived
Reaction	CMP-N-acetyl-beta-neuraminate + ganglioside GM1b (d18:1 (4E)) = a ganglioside GD1alpha (d18:1 (4E)) + CMP + H ⁺
Activity Definition	Measured by its ability to transfer Neu5Ac from CMP-Neu5Ac to fetuin of fetal calf serum.