

ST6 Sialyltransferase 6 (ST6GALNAC6)

Product Information

Cat#	DIA-872
Descriptions	ST6 Sialyltransferase 6 (ST6GALNAC6) exhibits unique substrate preference for O-linked glycan and glycolipid acceptors, mediates tissue-specific α -2,6 sialylation, and participates in reproductive system and neural tissue glycosylation regulation.
Applications	ST6 Sialyltransferase 6 (ST6GALNAC6) is suitable for reproductive tissue glycosylation detection kits and tissue specific sialylation assay reagent development.
CAS No.	24-3-71313
Enzyme Source	Chinese Hamster Ovary cell line, CHO-derived human ST6 Sialyltransferase 6/ST6GALNAC6 protein.
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.