

ST8 Alpha-2, 8-Sialyltransferase 8B (ST8SIA2)

Product Information

Cat#	DIA-876
Descriptions	ST8 Alpha-2, 8-Sialyltransferase 8B (ST8SIA2) is a polysialyltransferase that assembles long α -2,8 polysialic acid chains on glycoprotein acceptors, is predominantly expressed in the nervous system, and modulates neural cell migration and axon guidance.
Applications	ST8 Alpha-2, 8-Sialyltransferase 8B (ST8SIA2) is suitable for polysialic acid modification detection kits and neural development assay reagent development.
CAS No.	24-3-81315
Enzyme Source	Trichoplusia ni, High Five (baculovirus)-derived human ST8 alpha-2,8-Sialyltra.
Reaction	May transfer sialic acid through alpha-2, 8-linkages to the alpha-2, 3-linked and alpha-2, 6-linked sialic acid of N-linked oligosaccharides of glycoproteins and may be involved in PSA (polysialic acid) expression.
Activity Definition	Measured by its ability to transfer sialic acid from CMP-NeuAc to Recombinant Human NCAM-1/CD56 120 isoform.