

ST8 Alpha-2, 8-Sialyltransferase 4 (ST8SIA4)

Product Information

Cat#	DIA-873
Descriptions	ST8 Alpha-2, 8-Sialyltransferase 4 (ST8SIA4) catalyzes the formation of α -2,8 linked polysialic acid chains on neural cell adhesion molecules, modulates cell-cell adhesion during neural development, and supports polysialic acid modification research.
Applications	ST8 Alpha-2, 8-Sialyltransferase 4 (ST8SIA4) is used for polysialic acid detection kits and neural cell adhesion assay reagent development.
CAS No.	24-09-9316
Enzyme Source	CHO-derived
Reaction	Catalyzes the polycondensation of alpha-2, 8-linked sialic acid required for the synthesis of polysialic acid (PSA), which is present on the embryonic neural cell adhesion molecule (N-CAM), necessary for plasticity of neural cells.
Activity Definition	Measured by its ability to transfer sialic acid from CMP-NeuAc to Recombinant Human NCAM-1/CD56 120 isoform.