

α 2, 3-Sialyltransferase

Product Information

Cat#	DIA-913
Descriptions	α 2, 3-sialyltransferase mediates α -2,3 linked sialic acid modification on terminal galactose residues of various glycan acceptors, participates in cell adhesion, inflammatory cell recruitment and pathogen recognition processes, and is a core tool for sialylated oligosaccharide synthesis and cell surface engineering.
Applications	α 2, 3-sialyltransferase is used for sialyl Lewis antigen detection kits and inflammatory cell adhesion assay reagent development.
CAS No.	9075-82-5
Enzyme Commission Number	EC 2.4.99.4
Enzyme Source	E. coli recombinant α 2,3-sialyltransferase from Pasteurella multocida (P-1059).
Synonyms	PmST1
Activity Definition	One unit is defined as the amount of enzyme that catalyzes the formation of 1 μ mol Sia α 2,3Lac from CMP-Sia and lactose per minute at 37 °C.