

Alpha2, 3-Sialyltransferase (PhAlpha2.3SiaT)

Product Information

Cat#	DIA-627
Descriptions	Alpha2, 3-sialyltransferase (PhAlpha2.3SiaT) exhibits strict α -2,3 linkage specificity, precisely modifies terminal galactose residues on glycan chains, and serves as a stable catalytic reagent for sialylated glycan structural analysis.
Applications	Alpha2, 3-sialyltransferase (PhAlpha2.3SiaT) is applied in specific sialic acid linkage identification kits and glycoprotein quality detection reagent development.
CAS No.	2-4-994
Enzyme Commission Number	EC 2.4.99.4
Enzyme Source	Photobacterium phosphoreum.
Reaction	Gal-OR + CMP-Sia = SiaAlpha2, 3Gal-OR + CMP
Activity Definition	One unit is defined as the amount of enzyme that transfer 1Mumol Neu5Ac from UDP-Neu5Ac to lactose to form SiaAlpha2,3Lac per min at 37°C.
Package	5 U, 25 U, 50 U