

Sialic Acid Aldolase (EcNPL)

Product Information

Cat#	DIA-855
Descriptions	Sialic acid aldolase (EcNPL) from Escherichia coli mediates the reversible aldol condensation reaction for sialic acid synthesis, features high catalytic efficiency and easy recombinant expression, and is extensively utilized for enzymatic preparation of various sialic acid analogs.
Applications	Sialic acid aldolase (EcNPL) is suitable for sialic acid biosynthesis detection kits and rare sialic acid preparation assay reagent development.
CAS No.	41-3-39
Enzyme Commission Number	EC 4.1.3.3
Enzyme Source	E.coli recombinant Sialic acid aldolase from E.coli.
Reaction	ManNAc + Pyruvate = Neu5Ac
Activity Definition	One unit is defined as the amount of enzyme that catalyzes the formation of 1 μ mol Neu5Ac from ManNAc and Pyruvate per minute at 37°C.