

β1, 4-Galactosyltransferase

Product Information

Cat#	DIA-918
Descriptions	β1, 4-galactosyltransferase specifically catalyzes β-1,4 galactosylation of N-acetylglucosamine acceptors to form N-acetyllactosamine units, is the most widely used tool enzyme for glycan chain extension and glycoprotein glycosylation remodeling, and supports homogeneous glycoprotein preparation.
Applications	β1, 4-galactosyltransferase serves as a standard tool for N-acetyllactosamine synthesis detection kits and glycoprotein glycosylation remodeling assay reagent development.
CAS No.	9030-11-9
Enzyme Commission Number	EC 2.4.1.90
Enzyme Source	E. coli recombinant β1,4-galactosyltransferase from Neisseria meningitides.
Synonyms	LgtB
Activity Definition	One unit is defined as the amount of enzyme that catalyzes the formation of 1 μmol of Galβ1,4GlcNAc from UDP-Gal and GlcNAc per min at 37 °C.