



Creative Enzymes

Diagnostic Enzymes

β1, 3-Galactosyltransferase

Product Information

Cat#	DIA-915
Descriptions	β1, 3-galactosyltransferase catalyzes the formation of β-1,3 linked galactose residues on glycan acceptors, participates in the synthesis of type 1 chain lactosamine structures and glycosphingolipid backbones, and is widely applied for functional oligosaccharide assembly and glycan chain elongation.
Applications	β1, 3-galactosyltransferase is applied in type 1 glycan chain synthesis detection kits and oligosaccharide backbone assembly assay reagent development.
CAS No.	9073-46-5
Enzyme Commission Number	EC 2.4.1.62
Enzyme Source	E. coli recombinant β1,3-galactosyltransferase from Campylobacter jejuni.
Synonyms	CgtB
Activity Definition	One unit is defined as the amount of enzyme that catalyzes the formation of 1 μmol Galβ1,3Gal from Gal and UDP-Gal per min at 37 °C.