

Beta1, 4-N-Acetylgalactosaminyltransferase (CgtA)

Product Information

Cat#	DIA-658
Descriptions	Beta1, 4-N-acetylgalactosaminyltransferase (CgtA) specifically transfers N-acetylgalactosamine via β -1,4 linkage to galactose acceptors, mediates bacterial glycosphingolipid precursor synthesis, and supports the preparation of GalNAc-terminated functional oligosaccharides.
Applications	Beta1, 4-N-acetylgalactosaminyltransferase (CgtA) is used for GalNAc-terminated oligosaccharide detection kits and glycosphingolipid precursor assay reagent development.
CAS No.	67338-98-1
Enzyme Commission Number	EC 2.4.1.92
Enzyme Source	E. coli recombinant CgtA from campylobacter jejuni.
Synonyms	Asialo-GM2 synthase. Beta-1,4N-aetylgalactosaminyltransferase. GalNAc-T. Ganglioside GM2 synthase. Ganglioside GM3 acetylgalactosaminyltransferase. GM2 synthase. GM2/GD2-synthase. Udp acetylgalactosamine-(N-acetylneuraminy)-D-galactosyl-D-glucosylceramide acetylgalactosaminyltransferase. UDP-N-acetylgalactosamine GM3 N-acetylgalactosaminyltransferase.