

beta-1,3-Galactosyltransferase (CgtB)

Cat. No.:	HY-E70050	
CAS No.:	37217-28-0	
Target:	Endogenous Metabolite	
Pathway:	Metabolic Enzyme/Protease	beta-1,3-Galactosyltransferase(CgtB)
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY

Description

beta-1,3-Galactosyltransferase (CgtB) (GM1-synthase) is an enzyme that required for sialylated lipooligosaccharide (LOS^{SIAL}) production, is often used in biochemical studies. beta-1,3-Galactosyltransferase (CgtB) catalyzes the addition of a galactose molecule, which is required for GM1-like LOS^{SIAL} structure production^[1].

REFERENCES

[1]. Guirado P, et al. Differential Distribution of the wlaN and cgtB Genes, Associated with Guillain-Barré Syndrome, in Campylobacter jejuni Isolates from Humans, Broiler Chickens, and Wild Birds. Microorganisms. 2020 Feb 26;8(3):325.

Caution: Product has not been fully validated for medical applications. For research use only.

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