Creative Enzymes®

neolactotriaosylceramide β-1,4-galactosyltransferase

Cat. No. EXWM-2507

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of glycosyltransferases, specifically the hexosyltransferases.
Synonyms	β4Gal-T4; UDP-galactose:N-acetyl-β-D-glucosaminyl-(1→3)-β-D-galactosyl-(1→4)-β-D-glucosyl-(1↔1)-ceramide β-1,4-galactosyltransferase; lactotriaosylceramide β-1,4-galactosyltransferase (incorrect)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.1.275
Reaction	UDP-α-D-galactose + N-acetyl-β-D-glucosaminyl-(1→3)-β-D-galactosyl-(1→4)-β-D-glucosyl-(1↔1)-ceramide = UDP + β-D-galactosyl-(1→4)-N-acetyl-β-D-glucosaminyl-(1→3)-β-D-galactosyl-(1→4)-β-D-glucosyl-(1↔1)-ceramide
Notes	This item requires custom production and lead time is between 5-9 weeks. We can custom produce according to your specifications.

Storage and Shipping Information

Storage	Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.