Creative Enzymes®

β-N-acetylglucosaminylglycopeptide β-1,4-galactosyltransferase

Cat. No. EXWM-2584

Lot. No. (See product label)

Introduction

Description	Terminal N-acetyl-β-D-glucosaminyl residues in polysaccharides, glycoproteins and glycopeptides can act as acceptor. High activity is shown towards such residues in branched-chain polysaccharides when these are linked by β-1,6-links to galactose residues; lower activity towards residues linked to galactose by β-1,3-links. A component of EC 2.4.1.22 (lactose synthase).
Synonyms	UDP-galactose-glycoprotein galactosyltransferase; glycoprotein 4-β-galactosyl-transferase; β-N-acetyl-β1-4-galactosyltransferase; thyroid glycoprotein β-galactosyltransferase; glycoprotein β-galactosyltransferase; thyroid galactosyltransferase; uridine diphosphogalactose-glycoprotein galactosyltransferase; β-N-acetylglucosaminyl-glycopeptide β-1,4-galactosyltransferase; GalT; UDP-galactose:N-acetyl-β-D-glucosaminylglycopeptide β-1,4-galactosyltransferase; UDP-galactose:N-acetyl-β-D-glucosaminylglycopeptide 4-β-galactosyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.1.38
CAS No.	37237-43-7
Reaction	UDP-α-D-galactose + N-acetyl-β-D-glucosaminylglycopeptide = UDP + β-D-galactosyl-(1→4)-N-acetyl-β-D-glucosaminylglycopeptide
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 ℃.