Creative Enzymes®

β-1,4-mannosyl-glycoprotein 4-β-N-acetylglucosaminyltransferase

Cat. No. EXWM-2370

Lot. No. (See product label)

Introduction

Description	R represents the remainder of the N-linked oligosaccharide in the glycoprotein acceptor (click here for diagram). The action of this enzyme probably prevents further attachment of N-acetylglucosamine residues to the growing carbohydrate chain.
Synonyms	N-acetylglucosaminyltransferase III; N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase III; uridine diphosphoacetylglucosamine-glycopeptide β4-acetylglucosaminyltransferase III; β-1,4-mannosyl-glycoprotein β-1,4-N-acetylglucosaminyltransferase; GnTIII

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.1.144
CAS No.	83744-93-8
Reaction	UDP-N-acetyl-D-glucosamine + β-D-mannosyl-R = UDP + 4-(N-acetyl-β-D-glucosaminyl)-β-D-mannosyl-R
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 ℃.