Creative Enzymes®

α-1,6-mannosyl-glycoprotein 2-β-N-acetylglucosaminyltransferase

Cat. No. EXWM-2369

Lot. No. (See product label)

Introduction

Description	R represents the remainder of the N-linked oligosaccharide in the glycoprotein acceptor. Note that this enzyme acts after N-acetylglucosaminyltransferase I but before N-acetylglucosaminyltransferases III, IV, V and VI (click here for diagram).
Synonyms	N-acetylglucosaminyltransferase II; N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase II; acetylglucosaminyltransferase II; uridine diphosphoacetylglucosamine-mannoside α1→6-acetylglucosaminyltransferase; uridine diphosphoacetylglucosamine-α-1,6-mannosylglycoprotein β-1-2-N-acetylglucosaminyltransferase; uridine diphosphoacetylglucosamine-α-D-mannoside β1-2-acetylglucosaminyltransferase; UDP-GlcNAc:mannoside α1-6 acetylglucosaminyltransferase; α-1,6-mannosyl-glycoprotein β-1,2-N-acetylglucosaminyltransferase; GnTII

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.1.143
CAS No.	105913-04-0
Reaction	UDP-N-acetyl-D-glucosamine + 6-(α-D-mannosyl)-β-D-mannosyl-R = UDP + 6-(2-[N-acetyl-β-D-glucosaminyl]-α-D-mannosyl)-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 ℃.