

α -1,3-mannosyl-glycoprotein 4- β -N-acetylglucosaminyltransferase

Cat. No. EXWM-2371

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 best acceptor for this enzyme is probably the same as that favoured by EC 2.4.1.144, β -1,4-mannosyl-glycoprotein 4- β -N-acetylglucosaminyltransferase.

Synonyms

N-acetylglucosaminyltransferase IV; N-glycosyl-oligosaccharide-glycoprotein N-acetylglucosaminyltransferase IV; β -acetylglucosaminyltransferase IV; uridine diphosphoacetylglucosamine-glycopeptide β 4-acetylglucosaminyltransferase IV; α -1,3-mannosylglycoprotein β -1,4-N-acetylglucosaminyltransferase; GnTIV

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.4.1.145

CAS No.

86498-16-0

Reaction

UDP-N-acetyl-D-glucosamine + 3-(2-[N-acetyl- β -D-glucosaminyl]- α -D-mannosyl)- β -D-mannosyl-R = UDP + 3-(2,4-bis[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 °C for short term. For long term storage, store it at -20 °C~-80 °C.