Creative Enzymes®

initiation-specific α-1,6-mannosyltransferase

Cat. No. EXWM-2462

Lot. No. (See product label)

Introduction

Description	Requires Mn2+. In Saccharomyces cerevisiae, this enzyme catalyses an essential step in the outer chain elongation of N-linked oligosaccharides. Man8GlcNAc and Man9GlcNAc are equally good substrates.
Synonyms	α-1,6-mannosyltransferase; GDP-mannose:oligosaccharide 1,6-α-D-mannosyltransferase; GDP-mannose:glycolipid 1,6-α-D-mannosyltransferase; glycolipid 6-α-mannosyltransferase; GDP-mannose:oligosaccharide 1,6-α-D-mannosyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.1.232
CAS No.	346003-17-6
Reaction	Transfers an α-D-mannosyl residue from GDP-mannose into lipid-linked oligosaccharide, forming an α-(1→6)-D-mannosyl-D-mannose linkage
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 ℃.