

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 \rightarrow 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.