

galactofuranosylgalactofuranosylrhamnosyl-N-acetylglucosaminyl-diphospho-decaprenol β -1,5/1,6-galactofuranosyltransferase

Cat. No. EXWM-2521

Lot. No. (See product label)

Introduction

Description

Isolated from Mycobacterium tuberculosis. The enzyme adds approximately twenty-eight galactofuranosyl residues with alternating 1 \rightarrow 5 and 1 \rightarrow 6 links forming a galactan domain with approximately thirty galactofuranosyl residues. Involved in the formation of the cell wall in mycobacteria.

Synonyms

GlT2

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.4.1.288

Reaction

28 UDP- α -D-galactofuranose + β -D-galactofuranosyl-(1 \rightarrow 5)- β -D-galactofuranosyl-(1 \rightarrow 4)- α -L-rhamnopyranosyl-(1 \rightarrow 3)-N-acetyl- α -D-glucosaminyl-diphospho-trans,octakis-decaprenol = 28 UDP + [β -D-galactofuranosyl-(1 \rightarrow 5)- β -D-galactofuranosyl-(1 \rightarrow 6)]14- β -D-galactofuranosyl-(1 \rightarrow 5)- β -D-galactofuranosyl-(1 \rightarrow 4)- α -L-rhamnopyranosyl-(1 \rightarrow 3)-N-acetyl- α -D-glucosaminyl-diphospho-trans,octakis-decaprenol

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.