

## galactofuranosylgalactofuranosylrhamnosyl-N-acetylglucosaminyl-diphospho-decaprenol $\beta$ -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→5 and 1→6 links forming a galactan domain with approximately thirty galactofuranosyl residues. Involved in the formation of the cell wall in mycobacteria.

**Synonyms** GIFT2

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.4.1.288

**Reaction** 28 UDP- $\alpha$ -D-galactofuranose +  $\beta$ -D-galactofuranosyl-(1→5)- $\beta$ -D-galactofuranosyl-(1→4)- $\alpha$ -L-rhamnopyranosyl-(1→3)-N-acetyl- $\alpha$ -D-glucosaminyl-diphospho-trans,octakis-decaprenol = 28 UDP + [ $\beta$ -D-galactofuranosyl-(1→5)- $\beta$ -D-galactofuranosyl-(1→6)]14- $\beta$ -D-galactofuranosyl-(1→5)- $\beta$ -D-galactofuranosyl-(1→4)- $\alpha$ -L-rhamnopyranosyl-(1→3)-N-acetyl- $\alpha$ -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.