Creative Enzymes®

galactan 5-O-arabinofuranosyltransferase

Cat. No. EXWM-2675

Lot. No. (See product label)

Introduction

Description	Isolated from Mycobacterium tuberculosis and Corynebacterium glutamicum. These arabinofuranosyl groups form the start of an arabinofuranan chain as part of the of the cell wall in mycobacteria.
Synonyms	AftA; Rv3792

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.2.46
Reaction	Adds an α-D-arabinofuranosyl group from trans,octacis-decaprenylphospho-β-D-arabinofuranose at the 5-O-position of the eighth, tenth and twelfth galactofuranose unit of the galactofuranan chain of [β-D-galactofuranosyl-(1→5)-β-D-galactofuranosyl-(1→6)]14-β-D-galactofuranosyl-(1→5)-β-D-galactofuranosyl-(1→4)-α-L-rhamnopyranosyl-(1→3)-N-acetyl-α-D-glucosaminyl-diphospho-trans,octacis-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.