Creative Enzymes®

UDP-Gal:α-D-GlcNAc-diphosphoundecaprenol β-1,3-galactosyltransferase

Cat. No. EXWM-2538

Lot. No. (See product label)

Introduction

Description	The enzyme is involved in the the biosynthesis of the O-polysaccharide repeating unit of Escherichia coli O7:K1 (VW187). Requires Mn2+.
Synonyms	WbbD; WbbD β3Gal-transferase; UDP-Gal:GlcNAc-R β1,3-galactosyltransferase; UDP-Gal:GlcNAcα-pyrophosphate-R β1,3-galactosyltransferase; UDP-Gal:GlcNAc-R galactosyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.1.303
Reaction	UDP-α-D-galactose + N-acetyl-α-D-glucosaminyl-diphospho-ditrans,octacis-undecaprenol = UDP + β-D-Gal-(1→3)-α-D-GlcNAc-diphospho-ditrans,octacis-undecaprenol
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 ℃.