Creative Enzymes®

UDP-Gal:α-D-GlcNAc-diphosphoundecaprenol β-1,4-galactosyltransferase

Cat. No. EXWM-2539

Lot. No. (See product label)

Introduction

Description	The enzyme is involved in the the biosynthesis of the O-polysaccharide repeating unit of the bacterium Shigella boydii B14. The activity is stimulated by Mn2+ or to a lesser extent by Mg2+, Ca2+, Ni2+ or Pb2+.
Synonyms	WfeD; UDP-Gal:GlcNAc-R 1,4-Gal-transferase; UDP-Gal:GlcNAc-pyrophosphate-lipid β-1,4-galactosyltransferase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.1.304
Reaction	UDP-α-D-galactose + N-acetyl-α-D-glucosaminyl-diphospho-ditrans,octacis-undecaprenol = UDP + β-D-Gal-(1→4)-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 ℃.