

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-glucosaminy-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 °C for short term. For long term storage, store it at -20 °C~-80 °C.