

D-glycero-β-D-manno-heptose 1,7-bisphosphate 7-phosphatase

Cat. No. EXWM-3688

Lot. No. (See product label)

Introduction

Description

The enzyme is involved in biosynthesis of ADP-L-glycero-β-D-manno-heptose, which is utilized for assembly of the lipopolysaccharide inner core in Gram-negative bacteria. In vitro the catalytic efficiency with the β-anomer is 100-200-fold higher than with the α-anomer.

Synonyms

gmhB (gene name); yaeD (gene name)

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.1.3.82

Reaction

D-glycero-β-D-manno-heptose 1,7-bisphosphate + H₂O = D-glycero-β-D-manno-heptose 1-phosphate + phosphate

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.