Creative Enzymes®

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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.