

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

Cat. No. EXWM-3689

Lot. No. (See product label)

Introduction

Description The enzyme is involved in biosynthesis of GDP-D-glycero- α -D-manno-heptose, which is required for assembly of S-layer glycoprotein in some Gram-positive bacteria. The in vitro catalytic efficiency of the enzyme from *Bacteroides thetaiotaomicron* is 6-fold higher with the α -anomer than with the β -anomer.

Synonyms gmhB (gene name)

Product Information

Form Liquid or lyophilized powder

EC Number EC 3.1.3.83

Reaction D-glycero- α -D-manno-heptose 1,7-bisphosphate + H₂O = D-glycero- α -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.