

β-phosphoglucomutase

Cat. No. EXWM-5528

Lot. No. (See product label)

Introduction

Description The enzyme requires Mg2+ and phosphorylation of an aspartate residue at the

active site. The enzyme is able to autophosphorylate itself with its substrate β -D-glucose 1-phosphate. Although this is a slow reaction, only a single turnover is required for activation. Once the phosphorylated enzyme is formed, it generates the reaction intermediate β -D-glucose 1,6-bisphosphate, which can be used to

phosphorylate the enzyme in subsequent cycles. cf. EC 5.4.2.2, phosphoglucomutase (α -D-glucose-1,6-bisphosphate-dependent).

Synonyms β -pgm (gene name)

Product Information

Form Liquid or lyophilized powder

EC Number EC 5.4.2.6

CAS No. 68651-99-0

Reaction β -D-glucose 1-phosphate = β -D-glucose 6-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.

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