Creative Enzymes®

1,2-α-glucosylglycerol phosphorylase

Cat. No. EXWM-2570

Lot. No. (See product label)

Introduction

Description	The enzyme has been isolated from the bacterium Bacillus selenitireducens. In the absence of glycerol the enzyme produces α-D-glucopyranose and phosphate from β-D-glucopyranose 1-phosphate. In this reaction the glucosyl residue is transferred to a water molecule with an inversion of the anomeric conformation.
Synonyms	2-O-α-D-glucopyranosylglycerol phosphorylase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.4.1.332
Reaction	2-O-α-D-glucopyranosyl-glycerol + phosphate = β-D-glucose 1-phosphate + glycerol
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 ℃.