

## 1,2- $\alpha$ -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  $\alpha$ -D-glucopyranose and phosphate from  $\beta$ -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- $\alpha$ -D-glucopyranosylglycerol phosphorylase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.4.1.332

**Reaction** 2-O- $\alpha$ -D-glucopyranosyl-glycerol + phosphate =  $\beta$ -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 °C for short term. For long term storage, store it at -20 °C~-80 °C.