

## sn-glycerol-3-phosphate 1-galactosyltransferase

Cat. No. EXWM-2635

Lot. No. (See product label)

### Introduction

**Description** The product is hydrolysed by a phosphatase to isofloridoside, which is involved in osmoregulation (cf. EC 2.4.1.137 sn-glycerol-3-phosphate 2- $\alpha$ -galactosyltransferase).

**Synonyms** isofloridoside-phosphate synthase; UDP-Gal:sn-glycero-3-phosphoric acid 1- $\alpha$ -galactosyl-transferase; UDPgalactose:sn-glycerol-3-phosphate  $\alpha$ -D-galactosyltransferase; uridine diphosphogalactose-glycerol phosphate galactosyltransferase; glycerol 3-phosphate 1 $\alpha$ -galactosyltransferase; UDP-galactose:sn-glycerol-3-phosphate 1- $\alpha$ -D-galactosyltransferase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.4.1.96

**CAS No.** 9076-70-4

**Reaction** UDP- $\alpha$ -D-galactose + sn-glycerol 3-phosphate = UDP + 1-O- $\alpha$ -D-galactosyl-sn-glycerol 3-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.