

## monoglucosyldiacylglycerol synthase

Cat. No. EXWM-2574

Lot. No. (See product label)

### Introduction

**Description** The enzymes from cyanobacteria are involved in the biosynthesis of galactolipids found in their photosynthetic membranes. The enzyme belongs to the GT2 family of configuration-inverting glycosyltransferases. cf. EC 2.4.1.337, 1,2-diacylglycerol 3- $\alpha$ -glucosyltransferase.

**Synonyms** mgdA (gene name)

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 2.4.1.336

**Reaction** UDP- $\alpha$ -D-glucose + a 1,2-diacyl-sn-glycerol = UDP + a 1,2-diacyl-3-O-( $\beta$ -D-glucopyranosyl)-sn-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.