

## **$\alpha,\alpha$ -trehalose-phosphate synthase (UDP-forming)**

Cat. No. EXWM-2376

Lot. No. (See product label)

### **Introduction**

#### **Description**

See also EC 2.4.1.36 [ $\alpha,\alpha$ -trehalose-phosphate synthase (GDP-forming)].

#### **Synonyms**

UDP-glucose-glucose-phosphate glucosyltransferase; trehalosephosphate-UDP glucosyltransferase; UDP-glucose-glucose-phosphate glucosyltransferase;  $\alpha,\alpha$ -trehalose phosphate synthase (UDP-forming); phosphotrehalose-uridine diphosphate transglucosylase; trehalose 6-phosphate synthase; trehalose 6-phosphate synthetase; trehalose phosphate synthase; trehalose phosphate synthetase; trehalose phosphate-uridine diphosphate glucosyltransferase; trehalose-P synthetase; transglucosylase; uridine diphosphoglucose phosphate glucosyltransferase

### **Product Information**

#### **Form**

Liquid or lyophilized powder

#### **EC Number**

EC 2.4.1.15

#### **CAS No.**

9030-07-3

#### **Reaction**

UDP-glucose + D-glucose 6-phosphate = UDP +  $\alpha,\alpha$ -trehalose 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.