

## 4- $\alpha$ -D- $\{$ (1 $\rightarrow$ 4)- $\alpha$ -D-glucano $\}$ trehalose trehalohydrolase

Cat. No. EXWM-3824

Lot. No. (See product label)

### Introduction

**Description** 4-alpha-D- $\{$ (1 $\rightarrow$ 4)-alpha-D-glucano $\}$ trehalose trehalohydrolase (EC 3.2.1.141) is an enzyme with systematic name 4-alpha-D- $\{$ (1 $\rightarrow$ 4)-alpha-D-glucano $\}$ trehalose glucanohydrolase (trehalose-producing).

**Synonyms** malto-oligosyltrehalose trehalohydrolase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 3.2.1.141

**CAS No.** 170780-50-4

**Reaction** hydrolysis of (1 $\rightarrow$ 4)- $\alpha$ -D-glucosidic linkage in 4- $\alpha$ -D- $\{$ (1 $\rightarrow$ 4)- $\alpha$ -D-glucanosyl $\}_n$  trehalose to yield trehalose and (1 $\rightarrow$ 4)- $\alpha$ -D-glucan

**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.