

## TDP-4-oxo-6-deoxy- $\alpha$ -D-glucose-3,4-oxoisomerase (dTDP-3-dehydro-6-deoxy- $\alpha$ -D-galactopyranose-forming)

Cat. No. EXWM-5483

Lot. No. (See product label)

### Introduction

**Description** The enzyme is involved in the biosynthesis of dTDP-3-acetamido-3,6-dideoxy- $\alpha$ -D-galactose. Four moieties of  $\alpha$ -D-rhamnose and two moieties of 3-acetamido-3,6-dideoxy- $\alpha$ -D-galactose form the repeating unit of the glycan chain in the S-layer of the bacterium Aneurinibacillus thermoaerophilus.

**Synonyms** dTDP-6-deoxy-hex-4-ulose isomerase; TDP-6-deoxy-hex-4-ulose isomerase; FdtA

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 5.3.2.3

**Reaction** dTDP-4-dehydro-6-deoxy- $\alpha$ -D-glucopyranose = dTDP-3-dehydro-6-deoxy- $\alpha$ -D-galactopyranose

**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.