

## dTDP-3,4-didehydro-2,6-dideoxy- $\alpha$ -D-glucose 3-reductase

Cat. No. EXWM-0303

Lot. No. (See product label)

### Introduction

**Description** The enzyme is involved in the biosynthesis of several deoxysugars, including L-digitoxose, L- and D-olivose, L-oliose, D-mycarose and forosamine.

**Synonyms** KijD10; dTDP-4-keto-2,6-dideoxy-D-glucose 3-oxidoreductase; dTDP-4-dehydro-2,6-dideoxy- $\alpha$ -D-glucose 3-oxidoreductase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 1.1.1.384

**Reaction** dTDP-4-dehydro-2,6-dideoxy- $\alpha$ -D-glucose + NADP<sup>+</sup> = dTDP-3,4-didehydro-2,6-dideoxy- $\alpha$ -D-glucose + NADPH + H<sup>+</sup>

**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.