

## CDP-paratose synthase

Cat. No. EXWM-0257

Lot. No. (See product label)

### Introduction

#### Description

The enzyme is involved in synthesis of paratose and tyvelose, unusual 3,6-dideoxyhexose sugars that form part of the O-antigen in the lipopolysaccharides of several enteric bacteria. Isolated from *Salmonella enterica* subsp. *enterica* serovar Typhi (*Salmonella typhi*).

#### Synonyms

rfbS (gene name)

### Product Information

#### Form

Liquid or lyophilized powder

#### EC Number

EC 1.1.1.342

#### Reaction

$\text{CDP-}\alpha\text{-D-paratose} + \text{NADP}^+ = \text{CDP-4-dehydro-3,6-dideoxy-}\alpha\text{-D-glucose} + \text{NADPH} + \text{H}^+$

#### 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.