Creative Enzymes®

# CDP-paratose synthase

*Cat. No. EXWM-0257*

*Lot. No.* (See product label)

## Introduction

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| ***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

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| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 1.1.1.342 |
| ***Reaction*** | CDP-α-D-paratose + NADP+ = CDP-4-dehydro-3,6-dideoxy-α-D-glucose + NADPH + 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

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| ***Storage*** | Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃. |