Creative Enzymes®

# lipopolysaccharide glucosyltransferase I

*Cat. No. EXWM-2603*

*Lot. No.* (See product label)

## Introduction

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|---|---|
| ***Description*** | Transfers glucosyl residues to the backbone portion of lipopolysaccharide [cf. EC 2.4.1.44 (lipopolysaccharide 3-α-galactosyltransferase, EC 2.4.1.56 (lipopolysaccharide N-acetylglucosaminyltransferase) and EC 2.4.1.73 (lipopolysaccharide glucosyltransferase II)]. |
| ***Synonyms*** | UDP-glucose:lipopolysaccharide glucosyltransferase I; lipopolysaccharide glucosyltransferase; uridine diphosphate glucose:lipopolysaccharide glucosyltransferase I; uridine diphosphoglucose-lipopolysaccharide glucosyltransferase |

## Product Information

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|---|---|
| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 2.4.1.58 |
| ***CAS No.*** | 9074-00-4 |
| ***Reaction*** | UDP-glucose + lipopolysaccharide = UDP + D-glucosyl-lipopolysaccharide |
| ***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 ℃. |