Creative Enzymes®

3-deoxy-manno-octulosonate cytidylyltransferase

Cat. No. EXWM-3249

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of transferases, specifically those transferring phosphorus-containing nucleotide groups (nucleotidyltransferases). This enzyme participates in lipopolysaccharide biosynthesis.
Synonyms	CMP-3-deoxy-D-manno-octulosonate pyrophosphorylase; 2-keto-3-deoxyoctonate cytidylyltransferase; 3-Deoxy-D-manno-octulosonate cytidylyltransferase; CMP-3-deoxy-D-manno-octulosonate synthetase; CMP-KDO synthetase; CTP:CMP-3-deoxy-D-manno-octulosonate cytidylyltransferase; cytidine monophospho-3-deoxy-D-manno-octulosonate pyrophosphorylase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.7.38
CAS No.	37278-28-7
Reaction	CTP + 3-deoxy-D-manno-octulosonate = diphosphate + CMP-3-deoxy-D-manno-octulosonate
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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.