Creative Enzymes®

8-amino-3,8-dideoxy-manno-octulosonate cytidylyltransferase

Cat. No. EXWM-3304

Lot. No. (See product label)

Introduction

Description	The enzyme, characterized from the bacterium Shewanella oneidensis MR-1, acts on the 8-aminated from of 3-deoxy-α-D-manno-octulosonate (Kdo). cf. EC 2.7.7.38, 3-deoxy-manno-octulosonate cytidylyltransferase.
Synonyms	kdsB (gene name, ambiguous)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.7.7.90
Reaction	CTP + 8-amino-3,8-dideoxy-α-D-manno-octulosonate = diphosphate + CMP-8-amino-3,8-dideoxy-α-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 ℃.