Creative Enzymes®

8-amino-3,8-dideoxy-α-D-manno-octulosonate transaminase

Cat. No. EXWM-2849

Lot. No. (See product label)

Introduction

Description	The enzyme, characterized from the bacterium Shewanella oneidensis, forms 8-amino-3,8-dideoxy-α-D-manno-octulosonate, an aminated form of Kdo found in lipopolysaccharides of members of the Shewanella genus. cf. EC 1.1.3.48, 3-deoxy-α-D-manno-octulosonate 8-oxidase.
Synonyms	kdnA (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.6.1.109
Reaction	8-amino-3,8-dideoxy-α-D-manno-octulosonate + 2-oxoglutarate = 8-dehydro-3-deoxy-α-D-manno-octulosonate + L-glutamate
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 ℃.