Creative Enzymes®

N,N'-diacetyllegionaminate synthase

Cat. No. EXWM-2717

Lot. No. (See product label)

Introduction

Description	Requires a divalent metal such as Mn2+. Isolated from the bacteria Legionella pneumophila and Campylobacter jejuni, where it is involved in the biosynthesis of legionaminic acid, a virulence-associated, cell surface sialic acid-like derivative.
Synonyms	neuB (gene name); legI (gene name)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 2.5.1.101
Reaction	2,4-diacetamido-2,4,6-trideoxy-α-D-mannopyranose + phosphoenolpyruvate + H2O = N,N'-diacetyllegionaminate + phosphate
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 ℃.