

UDP-2-acetamido-2-deoxy-ribo-hexuluronate aminotransferase

Cat. No. EXWM-2939

Lot. No. (See product label)

Introduction

Description

A pyridoxal 5'-phosphate protein. This enzyme participates in the biosynthetic pathway for UDP- α -D-ManNAc3NAcA (UDP-2,3-diacetamido-2,3-dideoxy- α -D-mannuronic acid), an important precursor of B-band lipopolysaccharide. The enzymes from *Pseudomonas aeruginosa* serotype O5 and *Thermus thermophilus* form a complex with the previous enzyme in the pathway, EC 1.1.1.335 (UDP-N-acetyl-2-amino-2-deoxyglucuronate oxidase).

Synonyms

WbpE; WlbC

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.6.1.98

Reaction

UDP-2-acetamido-3-amino-2,3-dideoxy- α -D-glucuronate + 2-oxoglutarate = UDP-2-acetamido-2-deoxy- α -D-ribo-hex-3-uluronate + 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.