

UDP-N-acetyl bacillosamine transaminase

Cat. No. EXWM-2874

Lot. No. (See product label)

Introduction

Description

A pyridoxal-phosphate protein. The enzyme is involved in biosynthesis of UDP-N,N'-diacetyl bacillosamine, an intermediate in protein glycosylation pathways in several bacterial species, including N-linked glycosylation of certain L-asparagine residues in *Campylobacter* species and O-linked glycosylation of certain L-serine residues in *Neisseria* species.

Synonyms

uridine diphospho-4-amino-2-acetamido-2,4,6-trideoxyglucose aminotransferase; UDP-4-amino-4,6-dideoxy-N-acetyl- α -D-glucosamine transaminase; UDP-2-acetamido-4-amino-2,4,6-trideoxyglucose transaminase; pgIE (gene name); UDP-2-acetamido-4-amino-2,4,6-trideoxyglucose:2-oxoglutarate aminotransferase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 2.6.1.34

CAS No.

37277-89-7

Reaction

UDP-N-acetyl bacillosamine + 2-oxoglutarate = UDP-2-acetamido-2,6-dideoxy- α -D-xylo-hex-4-ulose + 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.