

UDP-N-acetylmuramate dehydrogenase

Cat. No. EXWM-1368

Lot. No. (See product label)

Introduction

Description

A flavoprotein (FAD). NADH can to a lesser extent replace NADPH.

Synonyms

MurB reductase; UDP-N-acetylenolpyruvoylglucosamine reductase; UDP-N-acetylglucosamine-enolpyruvate reductase; UDP-GlcNAc-enolpyruvate reductase; uridine diphosphoacetylpyruvoylglucosamine reductase; uridine diphospho-N-acetylglucosamine-enolpyruvate reductase; uridine-5'-diphospho-N-acetyl-2-amino-2-deoxy-3-O-lactylglucose:NADP-oxidoreductase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 1.3.1.98

CAS No.

39307-28-3

Reaction

UDP-N-acetyl- α -D-muramate + NADP⁺ = UDP-N-acetyl-3-O-(1-carboxyvinyl)- α -D-glucosamine + NADPH + H⁺

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.