Creative Enzymes®

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-enoylpyruvate reductase; UDP-GlcNAc-enoylpyruvate 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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.