

UDP-N-acetyl-D-mannosamine dehydrogenase

Cat. No. EXWM-0250

Lot. No. (See product label)

Introduction

Description Part of the pathway for acetamido sugar biosynthesis in bacteria and archaea. The enzyme has no activity with NADP+.

Synonyms UDP-ManNAc 6-dehydrogenase; wecC (gene name)

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.1.1.336

Reaction $\text{UDP-N-acetyl-}\alpha\text{-D-mannosamine} + 2 \text{ NAD}^+ + \text{H}_2\text{O} = \text{UDP-N-acetyl-}\alpha\text{-D-mannosaminuronate} + 2 \text{ NADH} + 2 \text{ H}^+$

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.