

N-acetyl-γ-glutamyl-phosphate reductase

Cat. No. EXWM-1142

Lot. No. (See product label)

Introduction

Description This enzyme belongs to the family of oxidoreductases, specifically those acting on the aldehyde or oxo group of donor with NAD⁺ or NADP⁺ as acceptor. This enzyme participates in urea cycle and metabolism of amino groups.

Synonyms reductase, acetyl-γ-glutamyl phosphate; N-acetylglutamate 5-semialdehyde dehydrogenase; N-acetylglutamic γ-semialdehyde dehydrogenase; N-acetyl-L-glutamate γ-semialdehyde:NADP⁺ oxidoreductase (phosphorylating)

Product Information

Form Liquid or lyophilized powder

EC Number EC 1.2.1.38

CAS No. 37251-00-6

Reaction N-acetyl-L-glutamate 5-semialdehyde + NADP⁺ + phosphate = N-acetyl-L-glutamyl 5-phosphate + 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.