Creative Enzymes®

N-acetylaspartylglutamate synthase

Cat. No. EXWM-5759

Lot. No. (See product label)

Introduction

Description	The enzyme, found in animals, produces the neurotransmitter N-acetyl-L-aspartyl-L-glutamate. One isoform also has the activity of EC 6.3.1.17, β-citrylglutamate synthase, while another isoform has the activity of EC 6.3.2.42, N-acetylaspartylglutamylglutamate synthase.
Synonyms	N-acetylaspartylglutamate synthetase; NAAG synthetase; NAAGS; RIMKLA (gene name) (ambiguous); RIMKLB (gene name) (ambiguous)

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 6.3.2.41
Reaction	ATP + N-acetyl-L-aspartate + L-glutamate = ADP + phosphate + N-acetyl-L-aspartyl-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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.