

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 $\text{ATP} + \text{N-acetyl-L-aspartate} + \text{L-glutamate} = \text{ADP} + \text{phosphate} + \text{N-acetyl-L-aspartyl-L-glutamate}$

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 °C for short term. For long term storage, store it at -20 °C~-80 °C.