

glutamine synthetase

Cat. No. EXWM-5722

Lot. No. (See product label)

Introduction

Description Glutamine synthetase, which catalyses the incorporation of ammonium into glutamate, is a key enzyme of nitrogen metabolism found in all domains of life. Several types have been described, differing in their oligomeric structures and cofactor requirements.

Synonyms glutamate-ammonia ligase; glutamylhydroxamic synthetase; L-glutamine synthetase; GS

Product Information

Form Liquid or lyophilized powder

EC Number EC 6.3.1.2

CAS No. 9023-70-5

Reaction $\text{ATP} + \text{L-glutamate} + \text{NH}_3 = \text{ADP} + \text{phosphate} + \text{L-glutamine}$

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.