

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 ATP + L-glutamate + NH3 = ADP + phosphate + 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.

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