Creative Enzymes®

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