Creative Enzymes®

glutathione synthase

Cat. No. EXWM-5746

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of ligases, specifically those forming carbon-nitrogen bonds as acid-D-amino-acid ligases (peptide synthases). This enzyme participates in glutamate metabolism and glutathione metabolism.
Synonyms	glutathione synthetase; GSH synthetase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 6.3.2.3
CAS No.	9023-62-5
Reaction	ATP + γ-L-glutamyl-L-cysteine + glycine = ADP + phosphate + glutathione
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 ℃.