

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 $\text{ATP} + \gamma\text{-L-glutamyl-L-cysteine} + \text{glycine} = \text{ADP} + \text{phosphate} + \text{glutathione}$

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