Creative Enzymes®

glycine-tRNA ligase

Cat. No. EXWM-5645

Lot. No. (See product label)

Introduction

Description	This enzyme belongs to the family of ligases, to be specific those forming carbon-oxygen bonds in aminoacyl-tRNA and related compounds. This enzyme participates in glycine, serine and threonine metabolism and aminoacyl-trna biosynthesis.
Synonyms	glycyl-tRNA synthetase; glycyl-transfer ribonucleate synthetase; glycyl-transfer RNA synthetase; glycyl-transfer ribonucleic acid synthetase; glycyl translase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 6.1.1.14
CAS No.	9037-62-1
Reaction	ATP + glycine + tRNAGly = AMP + diphosphate + glycyl-tRNAGly
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 ℃.