

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