

## phosphoribosylamine-glycine ligase

Cat. No. EXWM-5782

Lot. No. (See product label)

### Introduction

**Description** This enzyme belongs to the family of ligases, specifically those forming generic carbon-nitrogen bonds.

**Synonyms** phosphoribosylglycinamide synthetase; glycinamide ribonucleotide synthetase; phosphoribosylglycineamide synthetase; glycineamide ribonucleotide synthetase; 2-amino-N-ribosylacetamide 5'-phosphate kinosynthase; 5'-phosphoribosylglycinamide synthetase; GAR

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 6.3.4.13

**CAS No.** 9032-01-3

**Reaction**  $\text{ATP} + 5\text{-phospho-D-ribose} + \text{glycine} = \text{ADP} + \text{phosphate} + \text{N}^1\text{-(5-phospho-D-ribose)glycinamide}$

**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.