

## imidazoleacetate-phosphoribosyldiphosphate ligase

Cat. No. EXWM-5800

Lot. No. (See product label)

### Introduction

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

**Synonyms** 5-phosphoribosylimidazoleacetate synthetase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 6.3.4.8

**CAS No.** 37318-65-3

**Reaction**  $\text{ATP} + \text{imidazole-4-acetate} + \text{5-phosphoribosyl diphosphate} = \text{ADP} + \text{phosphate} + \text{1-(5-phosphoribosyl)imidazole-4-acetate} + \text{diphosphate}$

**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.