

## D-alanine-alanyl-poly(glycerolphosphate) ligase

Cat. No. EXWM-5736

Lot. No. (See product label)

### Introduction

**Description** Involved in the synthesis of teichoic acids.

**Synonyms** D-alanyl-alanyl-poly(glycerolphosphate) synthetase; D-alanine:membrane-acceptor ligase; D-alanylalanylpoly(phosphoglycerol) synthetase; D-alanyl-poly(phosphoglycerol) synthetase; D-alanine-membrane acceptor-ligase

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 6.3.2.16

**CAS No.** 9046-58-6

**Reaction**  $\text{ATP} + \text{D-alanine} + \text{alanyl-poly(glycerolphosphate)} = \text{ADP} + \text{phosphate} + \text{D-alanyl-alanyl-poly(glycerolphosphate)}$

**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.