Creative Enzymes®

# 2-amino-1-hydroxyethylphosphonate dioxygenase (glycine-forming)

*Cat. No. EXWM-0598*

*Lot. No.* (See product label)

## Introduction

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| ***Description*** | Requires Fe2+. The enzyme, characterized from a marine bacterium, is involved in a 2-aminoethylphosphonate degradation pathway. |
| ***Synonyms*** | phnZ (gene name) |

## Product Information

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|---|---|
| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 1.13.11.78 |
| ***Reaction*** | (2-amino-1-hydroxyethyl)phosphonate + O2 = glycine + phosphate |
| ***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

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| ***Storage*** | Store it at +4 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃. |