Creative Enzymes®

# L-2-amino-4-chloropent-4-enoate dehydrochlorinase

*Cat. No. EXWM-5346*

*Lot. No.* (See product label)

## Introduction

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| ***Description*** | This enzyme belongs to the family of lyases, specifically the class of carbon-halide lyases. |
| ***Synonyms*** | L-2-amino-4-chloro-4-pentenoate dehalogenase; L-2-amino-4-chloropent-4-enoate chloride-lyase (deaminating); L-2-amino-4-chloropent-4-enoate chloride-lyase (adding H2O; deaminating; 2-oxopent-4-enoate-forming) |

## Product Information

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| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 4.5.1.4 |
| ***CAS No.*** | 113066-37-8 |
| ***Reaction*** | L-2-amino-4-chloropent-4-enoate + H2O = 2-oxopent-4-enoate + chloride + NH3 |
| ***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 ℃. |