Creative Enzymes®

# pyroglutamyl-peptidase I

*Cat. No. EXWM-4088*

*Lot. No.* (See product label)

## Introduction

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| ***Description*** | A cysteine peptidase, known from bacteria, plants and animals. The enzyme from bacterial sources is used in protein sequencing, and is the type example of peptidase family C15. |
| ***Synonyms*** | 5-oxoprolyl-peptidase; pyrase; pyroglutamate aminopeptidase; pyroglutamyl aminopeptidase; L-pyroglutamyl peptide hydrolase; pyrrolidone-carboxyl peptidase; pyrrolidone-carboxylate peptidase; pyrrolidonyl peptidase; L-pyrrolidonecarboxylate peptidase; pyroglutamidase; pyrrolidonecarboxylyl peptidase |

## Product Information

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| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 3.4.19.3 |
| ***CAS No.*** | 9075-21-2 |
| ***Reaction*** | Release of an N-terminal pyroglutamyl group from a polypeptide, the second amino acid generally not being Pro |
| ***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 ℃. |