Creative Enzymes®

# N5-(carboxyethyl)ornithine synthase

*Cat. No. EXWM-1506*

*Lot. No.* (See product label)

## Introduction

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|---|---|
| ***Description*** | In the reverse direction, L-lysine can act instead of L-ornithine, but more slowly. Acts on the amino group. cf. EC 1.5.1.16, D-lysopine dehydrogenase. |
| ***Synonyms*** | 5-N-(L-1-carboxyethyl)-L-ornithine:NADP+ oxidoreductase (L-ornithine-forming) |

## Product Information

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|---|---|
| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 1.5.1.24 |
| ***CAS No.*** | 129070-70-8 |
| ***Reaction*** | N5-(L-1-carboxyethyl)-L-ornithine + NADP+ + H2O = L-ornithine + pyruvate + NADPH + H+ |
| ***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 ℃. |