Creative Enzymes®

# D-octopine dehydrogenase

*Cat. No. EXWM-1495*

*Lot. No.* (See product label)

## Introduction

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|---|---|
| ***Description*** | In the reverse direction, acts also on L-ornithine, L-lysine and L-histidine. |
| ***Synonyms*** | D-octopine synthase; octopine dehydrogenase; octopine:NAD+ oxidoreductase; ODH; 2-N-(D-1-carboxyethyl)-L-arginine:NAD+ oxidoreductase (L-arginine-forming) |

## Product Information

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| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 1.5.1.11 |
| ***CAS No.*** | 37256-27-2 |
| ***Reaction*** | N2-(D-1-carboxyethyl)-L-arginine + NAD+ + H2O = L-arginine + pyruvate + NADH + 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 ℃. |