Creative Enzymes®

# D-2-hydroxyglutarate dehydrogenase

*Cat. No. EXWM-0467*

*Lot. No.* (See product label)

## Introduction

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|---|---|
| ***Description*** | The enzyme, which has been characterized from the plant Arabidopsis thaliana, is highly specific for (R)-2-hydroxyglutarate. It has low activity with (R)-lactate, (R)-2-hydroxybutyrate and meso-tartrate, and no activity with the (S) isomers. |
| ***Synonyms*** | AtD-2HGDH |

## Product Information

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| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 1.1.99.39 |
| ***Reaction*** | (R)-2-hydroxyglutarate + acceptor = 2-oxoglutarate + reduced acceptor |
| ***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 ℃. |