Creative Enzymes®

# malate-CoA ligase

*Cat. No. EXWM-5711*

*Lot. No.* (See product label)

## Introduction

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|---|---|
| ***Description*** | This enzyme belongs to the family of ligases, specifically those forming carbon-sulfur bonds as acid-thiol ligases. This enzyme participates in glyoxylate and dicarboxylate metabolism. |
| ***Synonyms*** | malyl-CoA synthetase; malyl coenzyme A synthetase; malate thiokinase |

## Product Information

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|---|---|
| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 6.2.1.9 |
| ***CAS No.*** | 37318-58-4 |
| ***Reaction*** | ATP + malate + CoA = ADP + phosphate + malyl-CoA |
| ***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 ℃. |