Creative Enzymes®

# carboxylic acid-CoA ligase (GDP-forming)

*Cat. No. EXWM-5668*

*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. |
| ***Synonyms*** | acyl-CoA synthetase (GDP-forming); acyl coenzyme A synthetase (guanosine diphosphate forming) |

## Product Information

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|---|---|
| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 6.2.1.10 |
| ***CAS No.*** | 37318-59-5 |
| ***Reaction*** | GTP + a carboxylate + CoA = GDP + phosphate + acyl-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 ℃. |