Creative Enzymes®

# adenylosuccinate lyase

*Cat. No. EXWM-5297*

*Lot. No.* (See product label)

## Introduction

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|---|---|
| **Description** | Also acts on 1-(5-phosphoribosyl)-4-(N-succinocarboxamide)-5-aminoimidazole. |
| **Synonyms** | adenylosuccinase; succino AMP-lyase; 6-N-(1,2-dicarboxyethyl)AMP AMP-lyase; 6-N-(1,2-dicarboxyethyl)AMP AMP-lyase (fumarate-forming) |

## Product Information

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| **Form** | Liquid or lyophilized powder |
| **EC Number** | EC 4.3.2.2 |
| **CAS No.** | 9027-81-0 |
| **Reaction** | (1) N6-(1,2-dicarboxyethyl)AMP = fumarate + AMP; (2) (S)-2-[5-amino-1-(5-phospho-D-ribosyl)imidazole-4-carboxamido]succinate = fumarate + 5-amino-1-(5-phospho-D-ribosyl)imidazole-4-carboxamide |
| **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 ℃. |