Creative Enzymes®

# diadenylate cyclase

*Cat. No. EXWM-3298*

*Lot. No.* (See product label)

## Introduction

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| ***Description*** | Cyclic di-3',5'-adenylate is a bioactive molecule produced by some bacteria and archaea, which may function as a secondary signalling molecule.The intracellular bacterial pathogen Listeria monocytogenes secretes it into the host's cytosol, where it triggers a cytosolic pathway of innate immunity. |
| ***Synonyms*** | cyclic-di-AMP synthase; dacA (gene name); disA (gene name) |

## Product Information

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| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 2.7.7.85 |
| ***Reaction*** | 2 ATP = 2 diphosphate + cyclic di-3',5'-adenylate |
| ***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 ℃. |