Creative Enzymes®

# nucleotide diphosphatase

*Cat. No. EXWM-4643*

*Lot. No.* (See product label)

## Introduction

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|---|---|
| ***Description*** | The enzyme preferentially hydrolyses ATP, but can also hydrolyse other nucleoside 5' triphosphates such as GTP, CTP, TTP and UTP to their corresponding monophosphates. In vitro the enzyme also acts as a nucleotidohydrolase on ADP, NAD+, NADP+, FAD, and CoA. |
| ***Synonyms*** | ENPP1 (gene name); nucleotide pyrophosphatase; nucleotide-sugar pyrophosphatase; nucleoside-triphosphate diphosphatase |

## Product Information

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| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 3.6.1.9 |
| ***CAS No.*** | 9032-64-8 |
| ***Reaction*** | a nucleoside triphosphate + H2O = a nucleotide + diphosphate |
| ***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 ℃. |