Creative Enzymes®

# diadenosine hexaphosphate hydrolase (AMP-forming)

*Cat. No. EXWM-4633*

*Lot. No.* (See product label)

## Introduction

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| ***Description*** | A divalent cation is essential for activity. Mn2+ (2–6 mM) is most effective.The enzyme controls intracellular levels of P1,P5-bis(5'-adenosyl)pentaphosphate and P1,P6-bis(5'-adenosyl)hexaphosphate. Weak activity with P1,P4-bis(5'-adenosyl)tetraphosphate. Marked preference for adenine over guanine nucleotides. |
| ***Synonyms*** | hAps1; NUDT11 (gene name); hAps2; NUDT10 (gene name) |

## Product Information

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| ***Form*** | Liquid or lyophilized powder |
| ***EC Number*** | EC 3.6.1.60 |
| ***Reaction*** | (1) P1,P6-bis(5'-adenosyl)hexaphosphate + H2O = adenosine 5'-pentaphosphate + AMP; (2) P1,P5-bis(5'-adenosyl)pentaphosphate + H2O = adenosine 5'-tetraphosphate + AMP |
| ***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 ℃. |