

## diadenosine hexaphosphate hydrolase (AMP-forming)

Cat. No. EXWM-4633

Lot. No. (See product label)

### Introduction

**Description** A divalent cation is essential for activity.  $Mn^{2+}$  (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

**Form** Liquid or lyophilized powder

**EC Number** EC 3.6.1.60

**Reaction** (1) P1,P6-bis(5'-adenosyl)hexaphosphate + H<sub>2</sub>O = adenosine 5'-pentaphosphate + AMP; (2) P1,P5-bis(5'-adenosyl)pentaphosphate + H<sub>2</sub>O = 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

**Storage** Store it at +4 °C for short term. For long term storage, store it at -20 °C~-80 °C.