

## diadenosine hexaphosphate hydrolase (ATP-forming)

Cat. No. EXWM-4634

Lot. No. (See product label)

### Introduction

**Description** The enzyme requires the presence of the divalent cations ( $Mn^{2+}$ ,  $Mg^{2+}$ ,  $Zn^{2+}$ , and  $Co^{2+}$ ). It hydrolyses P1,P4-bis(5-guanosyl) tetraphosphate very slowly [cf. EC 3.6.1.17, bis(5-nucleosyl)-tetraphosphatase (asymmetrical)].

**Synonyms** Ndx1

### Product Information

**Form** Liquid or lyophilized powder

**EC Number** EC 3.6.1.61

**Reaction** (1) P1,P6-bis(5'-adenosyl)hexaphosphate +  $H_2O$  = 2 ATP; (2) P1,P5-bis(5'-adenosyl)pentaphosphate +  $H_2O$  = ATP + ADP; (3) P1,P4-bis(5'-adenosyl)tetraphosphate +  $H_2O$  = ATP + 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.