

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.