Creative Enzymes®

ADP-ribose diphosphatase

Cat. No. EXWM-4597

Lot. No. (See product label)

Introduction

Description	ADP-ribose diphosphatase (EC 3.6.1.13) is an enzyme that catalyzes a hydrolysis reaction in which water nucleophilically attacks ADP-ribose to produce AMP and D-ribose 5-phosphate. Enzyme hydrolysis occurs by the breakage of a phosphoanhydride bond and is dependent on Mg2+ ions that are held in complex by the enzyme.
Synonyms	ADPribose pyrophosphatase; adenosine diphosphoribose pyrophosphatase; ADPR-PPase; ADP-ribose ribophosphohydrolase

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 3.6.1.13
CAS No.	9024-83-3
Reaction	ADP-D-ribose + H2O = AMP + D-ribose 5-phosphate
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 ℃ for short term. For long term storage, store it at -20 ℃~-80 ℃.