

Mn²⁺-dependent ADP-ribose/CDP-alcohol diphosphatase

Cat. No. EXWM-4625

Lot. No. (See product label)

Introduction

Description Requires Mn²⁺. Unlike EC 3.6.1.13, ADP-ribose diphosphatase, it cannot utilize Mg²⁺. ADP-D-ribose, CDP-choline, CDP-ethanolamine and ADP are substrates for this enzyme but ADP-D-glucose, UDP-D-glucose, CDP-D-glucose, CDP, CMP and AMP are not hydrolysed. In rat, the enzyme is found predominantly in thymus and spleen.

Synonyms Mn²⁺-dependent ADP-ribose/CDP-alcohol pyrophosphatase; ADPRibase-Mn

Product Information

Form Liquid or lyophilized powder

EC Number EC 3.6.1.53

Reaction (1) CDP-choline + H₂O = CMP + phosphocholine; (2) 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 °C for short term. For long term storage, store it at -20 °C~-80 °C.