Creative Enzymes®

Cu+-exporting ATPase

Cat. No. EXWM-4693

Lot. No. (See product label)

Introduction

Description	A P-type ATPase that undergoes covalent phosphorylation during the transport cycle. This enzyme transports Cu+ or Ag+, and cannot transport the divalent ions, contrary to EC 3.6.3.4, Cu2+-exporting ATPase, which mainly transports the divalent copper ion.
Synonyms	CopA; ATP7A; ATP7B

Product Information

Form	Liquid or lyophilized powder
EC Number	EC 7.2.2.8 (Formerly EC 3.6.3.54)
Reaction	ATP + H2O + Cu+[side 1] = ADP + phosphate + Cu+[side 2]
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 ℃.