

K⁺-transporting ATPase

Cat. No. EXWM-4649

Lot. No. (See product label)

Introduction

Description

A P-type ATPase that undergoes covalent phosphorylation during the transport cycle. A bacterial enzyme of di(heterotetrameric) structure that is involved in K⁺ import. The probable stoichiometry is one ion per ATP hydrolysed.

Synonyms

K⁺-translocating Kdp-ATPase; multi-subunit K⁺-transport ATPase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 7.2.2.6 (Formerly EC 3.6.3.12)

Reaction

ATP + H₂O + K⁺_{out} = ADP + phosphate + K⁺_{in}

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.