

Na⁺/K⁺-exchanging ATPase

Cat. No. EXWM-4698

Lot. No. (See product label)

Introduction

Description

A P-type ATPase that undergoes covalent phosphorylation during the transport cycle. This is a plasma membrane enzyme, ubiquitous in animal cells, that catalyses the efflux of three Na⁺ and influx of two K⁺ per ATP hydrolysed. It is involved in generating the plasma membrane electrical potential.

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 3.6.3.9

Reaction

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