

H⁺/K⁺-exchanging ATPase

Cat. No. EXWM-4647

Lot. No. (See product label)

Introduction

Description

A P-type ATPase that undergoes covalent phosphorylation during the transport cycle. A gastric mucosal enzyme that catalyses the efflux of one H⁺ and the influx of one K⁺ per ATP hydrolysed.

Synonyms

H⁺-K⁺-ATPase; H,K-ATPase; (K⁺ + H⁺)-ATPase

Product Information

Form

Liquid or lyophilized powder

EC Number

EC 7.2.2.19

Reaction

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