

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 $\text{ATP} + \text{H}_2\text{O} + \text{Na}^+_{\text{in}} + \text{K}^+_{\text{out}} = \text{ADP} + \text{phosphate} + \text{Na}^+_{\text{out}} + \text{K}^+_{\text{in}}$

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.