

Sodium/potassium-transporting ATPase subunit alpha-3

Catalog No: #AP78822

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Package Size: #AP78822-1 50ug #AP78822-2 100ug #AP78822-3 1mg

Description

Product Name	Sodium/potassium-transporting ATPase subunit alpha-3
Brief Description	Recombinant Protein
Host Species	E.coli
Purification	Greater than 90% by SDS-PAGE
Species Reactivity	Rat
Immunogen Description	Recombinant protein
Other Names	Na(+)/K(+) ATPase alpha(III) subunit,Sodium pump subunit alpha-3
Accession No.	P06687Gene name:Atp1a3
Uniprot	P06687
GeneID	24213;
Tag Info	His
Formulation	50mM NaH ₂ PO ₄ , 500mM NaCl Buffer with 500mM Imidazole,10%glycerol(PH8.0)
Storage	Store at -20C. (Avoid repeated freezing and thawing.)Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Background

This is the catalytic component of the active enzyme, which catalyzes the hydrolysis of ATP coupled with the exchange of sodium and potassium ions across the plasma membrane. This action creates the electrochemical gradient of sodium and potassium ions, providing the energy for active transport of various nutrients.

References

Repeated freezing and thawing is not recommended. Store working aliquots at 4°C for up to one week.

Note: This product is for in vitro research use only