

Recombinant Rabbit ATP1A1 Protein, His-tagged

Cat. No. ATP1A1-461R Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Rabbit ATP1A1(Thr339~Leu772) fused with His tag at N-terminal was expressed in E. coli.
Species	Rabbit
Source	E.coli
ProteinLength	Thr339~Leu772
Form	20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% SKL, 5% Trehalose and Proclin300.
Molecular Mass	50.9kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	> 90%
Applications	Positive Control; Immunogen; SDS-PAGE; WB. If bio-activity of the protein is needed, please check active protein.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37 centigrade for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

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Storage Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

Reconstitution Reconstitute in 20mM Tris, 150mM NaCl (pH8.0) to a concentration of 0.1-1.0 mg/mL. Do not vortex.

GENE INFORMATION

Gene Name ATP1A1 ATPase, Na⁺/K⁺ transporting, alpha 1 polypeptide [*Oryctolagus cuniculus*]

Official Symbol ATP1A1

Synonyms ATP1A1; ATPase, Na⁺/K⁺ transporting, alpha 1 polypeptide; sodium/potassium-transporting ATPase subunit alpha-1; Na/K ATPase alpha 1 subunit; sodium pump subunit alpha-1; Na⁺/K⁺ -ATPase alpha 1 subunit; Na(+)/K(+) ATPase alpha-1 subunit;

Gene ID 100302415

mRNA Refseq NM_001163074

Protein Refseq NP_001156546

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