

Recombinant Rat Atp1b3 protein, His & T7-tagged

Cat. No. Atp1b3-709R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rat Atp1b3 aa. (Asn66~Phe273 (Accession # Q63377)) fused with N-terminal His & T7 tag was produced in E. coli cells.
Species	Rat
Source	E.coli
ProteinLength	Asn66~Phe273
Description	Plays a role in Na ⁺ and K ⁺ transport.
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 27.4kDa
Endotoxin	<1.0EU per 1g (determined by the LAL method)
Purity	>95%
Characteristic	The isoelectric point is 6.8.
Applications	SDS-PAGE; WB; ELISA; IP
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°C for 48h,

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and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

Storage

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

Storage buffer

Supplied as lyophilized form in PBS, pH7.4, containing 5% trehalose, 0.01% sarcosyl.

Reconstitution

Reconstitute in sterile PBS, pH7.2-pH7.4.

GENE INFORMATION

Gene Name

[Atp1b3 ATPase Na⁺/K⁺ transporting subunit beta 3 \[Rattus norvegicus \(Norway rat\) \]](#)

Official Symbol

[Atp1b3](#)

Synonyms

Atp1b3; ATPase Na⁺/K⁺ transporting subunit beta 3; NKAB3S; sodium/potassium-transporting ATPase subunit beta-3; ATPB-3; ATPase, Na⁺/K⁺ transporting, beta 3 polypeptide; ATPase, Na⁺K⁺ transporting, beta polypeptide 3; Na⁺/K⁺ -ATPase beta 3 subunit; sodium/potassium-dependent ATPase subunit beta-3

Gene ID

[25390](#)

mRNA Refseq

[NM_012913.1](#)

Protein Refseq

[NP_037045.1](#)

UniProt ID

[Q63377](#)

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