Recombinant Mouse Atp4b protein, His-tagged

Cat. No. Atp4b-490M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Atp4b(Val1148~Gln1365) fused with His tag at N-terminal was expressed in E. coli.
Species	Mouse
Source	E.coli
ProteinLength	1148-1365 a.a.
Form	PBS, pH7.4, containing 0.01% SKL, 1mM DTT, 5% Trehalose and Proclin300.
Endotoxin	<1.0EU per 1μg (determined by the LAL method)
Purity	> 90%
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 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.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8 centigrade for one month. Aliquot and store at -80 centigrade for 12 months.

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Reconstitution	Reconstitute in PBS or others.

GENE INFORMATION

Gene Name	Atp4b ATPase, H+/K+ exchanging, beta polypeptide [Mus musculus]
Official Symbol	Atp4b
Synonyms	ATP4B; ATPase, H+/K+ exchanging, beta polypeptide; potassium-transporting ATPase subunit beta; H+,K+-ATPase; H,K-ATPase-Beta; H+/K+-ATPase beta; proton pump beta chain; gastric H(+)/K(+) ATPase subunit beta; ATPase, H+/K+ transporting, beta polypeptide, gastric specific; AV080843;
Gene ID	11945
mRNA Refseq	NM_009724
Protein Refseq	NP_033854
MIM	
UniProt ID	P50992
Chromosome Location	8 A1.1; 8 5.89 cM
Pathway	Collecting duct acid secretion, organism-specific biosystem; Collecting duct acid secretion, conserved biosystem; Gastric acid secretion, organism-specific biosystem; Gastric acid secretion, conserved biosystem; Oxidative phosphorylation, organism-specific biosystem; Oxidative phosphorylation, conserved biosystem;
Function	hydrogen:potassium-exchanging ATPase activity; protein heterodimerization activity;

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	sodium:potassium-exchanging ATPase activity;

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