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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ATP4B 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # : H00000496-T03

規格 : [100 uL]

[List All](#)

Specification

Transfected Cell Line: 293T

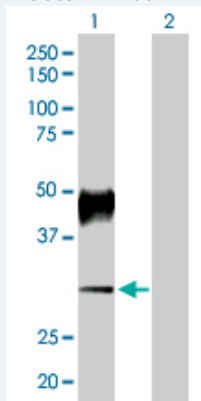
Plasmid: pCMV-ATP4B full-length

Host: Human

Theoretical MW (kDa): 32.12

Quality Control Testing: Transient overexpression cell lysate was tested with Anti-ATP4B antibody ([H00000496-D01P](#)) by Western Blots.

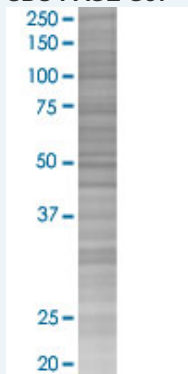
Western Blot



Lane 1: ATP4B transfected lysate (32.12 KDa)

Lane 2: Non-transfected lysate.

SDS-PAGE Gel



ATP4B transfected lysate.

Storage Buffer: 1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction: Store at -80°C. Aliquot to avoid repeated freezing and thawing.

MSDS:  [Download](#)

Applications

Application Image

Western Blot

Western Blot

Gene Information

Entrez GeneID: [496](#)

GeneBank [BC029059](#)
Accession#:

Protein [AAH29059](#)
Accession#:

Gene Name: ATP4B

Gene Alias: ATP6B

Gene Description: ATPase, H⁺/K⁺ exchanging, beta polypeptide

Omim ID: [137217](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The protein encoded by this gene belongs to a family of P-type cation-transporting ATPases. The gastric H⁺, K⁺-ATPase is a heterodimer consisting of a high molecular weight catalytic alpha subunit and a smaller but heavily glycosylated beta subunit. This enzyme is a proton pump that catalyzes the hydrolysis of ATP coupled with the exchange of H⁽⁺⁾ and K⁽⁺⁾ ions across the plasma membrane. It is also responsible for gastric acid secretion. This gene encodes the beta subunit of the gastric H⁺, K⁺-ATPase. [provided by RefSeq]

Other Designations: ATPase, H⁺/K⁺ transporting, beta polypeptide,gastric H⁺/K⁺ ATPase beta subunit,gastric hydrogen-potassium ATPase, beta,hydrogen/potassium-exchanging ATPase 4B,potassium-transporting ATPase beta chain,proton pump beta chain

Gene Pathway

[Oxidative phosphorylation](#)

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