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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ATP4B (Human) Recombinant Protein (P01)

Catalog Number: H00000496-P01

Regulation Status: For research use only (RUO)

Product Description: Human ATP4B full-length ORF (AAH29059, 1 a.a. - 291 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAALQEKKTCGQRMEEFQRYCWNPDTGQMLGRTL
RWVWISLYYVAFYVVM TGLFALCLYVLMQTVD
PYTPD YQDQLRSPGVTLRPDVYGEKGLEIVYN
VSDNRTWADL TQTLHAFLAGYSPAQEDSIN
CTSEQYFFQESFRAPN HTKFSCFTADMLQ
NCSGLADPNFGFEEGKPCFIIKM NRIVKFL
PSNGSAPRVDCAFDQPRELGQPLQVKYYP
PNGTFSLHYFPYYGKKAQPHYSNPLVAAKLL
NIPRNAE VAIVCKVMAEHVTFNPHDPYEGK
VEFKLKIEK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 57.75

Applications: AP, Array, ELISA, WB-Re
(See our web site product page for detailed applications information)

Protocols: See our web site at
<http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Preparation Method: [in vitro wheat germ expression system](#)

Purification: Glutathione Sepharose 4 Fast Flow

Storage Buffer: 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

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

Entrez GeneID: 496

Gene Symbol: ATP4B

Gene Alias: ATP6B

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]