



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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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 YQDQLRSPGVTLRPDVYGEKGLEIVYNVSDNRTWADL  
TQTLHAFLAGYSPAQEDSINCTSEQYFFQESFRAPN  
HTKFSCFTADMLQNCGLADPNFGFEEGKPCFIIKM  
NRIVKFLPSNGSAPRVDCAFDQPRELGQPLQVKYYP  
PNGTFSLHYFPYYGKKAQPHYSNPLVAAKLLNIPR  
NAE VAIVCKVMAEHVTFNPHDPYEGKVEFKLKIEK

**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<sup>+</sup>, K<sup>+</sup>-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<sup>+</sup>, K<sup>+</sup>-ATPase. [provided by RefSeq]