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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ATP7B (Human) Recombinant Protein (Q01)

Catalog Number: H00000540-Q01

Regulation Status: For research use only (RUO)

Product Description: Human ATP7B partial ORF (NP_000044, 1372 a.a. - 1465 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
QLKCYKKPDLERYEAQAHGHMKPLTASQVSVHIGMD
DRWRDSPRATPWDQVSYVSQVSLSSLTSDKPSRHSA
AADDDGDKWSLLLNGRDEEQYI

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.08

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: 540

Gene Symbol: ATP7B

Gene Alias: PWD, WC1, WD, WND

Gene Summary: This gene is a member of the P-type cation transport ATPase family and encodes a protein with several membrane-spanning domains, an ATPase consensus sequence, a hinge domain, a phosphorylation site, and at least 2 putative copper-binding sites. This protein functions as a monomer, exporting copper out of the cells, such as the efflux of hepatic copper into the bile. Alternate transcriptional splice variants, encoding different isoforms with distinct cellular localizations, have been characterized. Mutations in this gene have been associated with Wilson disease (WD). [provided by RefSeq]