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Produktinformation

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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

ATP7A (Human) Recombinant Protein (Q01)

Catalog Number: H00000538-Q01

Regulation Status: For research use only (RUO)

Product Description: Human ATP7A partial ORF (NP_000043, 1406 a.a. - 1500 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:
FLKLYRKPTYESYELPARSQIGQKSPSEISVHVGIDDTS
RNSPKLGLLDRIVNYSRASINSLLSDKRSLNSVVTSEP
DKHSLLVGDFREDDDTAL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.19

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: 538

Gene Symbol: ATP7A

Gene Alias: FLJ17790, MK, MNK

Gene Summary: This gene encodes a transmembrane protein that functions in copper transport across membranes. The protein localizes to the trans-Golgi network, where it is predicted to supply copper to copper-dependent enzymes in the secretory pathway. The protein relocalizes to the plasma membrane under conditions of elevated extracellular copper and functions in the efflux of copper from cells. Mutations in this gene result in Menkes disease, X-linked cutis laxa, and occipital horn syndrome. [provided by RefSeq]