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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

ATOX1 (Human) Recombinant Protein (Q01)

Catalog Number: H00000475-Q01

Regulation Status: For research use only (RUO)

Product Description: Human ATOX1 partial ORF (NP_004036, 1 a.a. - 68 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MPKHEFSVDMTCGGCAEAVSRVLNKLGGVKYDIDLPN
KKVCIESEHSMDTLLATLKKTGKTVSYLGL

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 33.22

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: 475

Gene Symbol: ATOX1

Gene Alias: ATX1, HAH1, MGC138453, MGC138455

Gene Summary: This gene encodes a copper chaperone that plays a role in copper homeostasis by binding and transporting cytosolic copper to ATPase proteins in the trans-Golgi network for later incorporation to the ceruloplasmin. This protein also functions as an antioxidant against superoxide and hydrogen peroxide,

and therefore, may play a significant role in cancer carcinogenesis. Because of its cytogenetic location, this gene represents a candidate gene for 5q-syndrome. [provided by RefSeq]