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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

NOX4 (Human) Recombinant Protein (Q01)

Catalog Number: H00050507-Q01

Regulation Status: For research use only (RUO)

Product Description: Human NOX4 partial ORF (NP_058627.1, 479 a.a. - 578 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

LHNKFWQENRPDYVNIQLYLSQTDGIQKIIGEKYHALN
SRLFIGRPRWKLLFDEIAKYNRGKTGVGFCCGPNSLSK
TLHKLSNQNNSYGTRFEYNKESFS

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 36.74

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: 50507

Gene Symbol: NOX4

Gene Alias: KOX, KOX-1, RENOX

Gene Summary: This gene encodes a member of the NOX-family of enzymes that functions as the catalytic subunit the NADPH oxidase complex. The encoded protein is localized to non-phagocytic cells where it acts as an oxygen sensor and catalyzes the reduction of

molecular oxygen to various reactive oxygen species (ROS). The ROS generated by this protein have been implicated in numerous biological functions including signal transduction, cell differentiation and tumor cell growth. A pseudogene has been identified on the other arm of chromosome 11. Alternative splicing results in multiple transcript variants]