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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Datasheet

NDUFS4 (Human) Recombinant Protein (P01)

Catalog Number: H00004724-P01

Regulation Status: For research use only (RUO)

Product Description: Human NDUFS4 full-length ORF (AAH05270, 1 a.a. - 175 a.a.) recombinant protein with GST-tag at N-terminal.

Sequence:

MAAVSMSVLRQTLWRRRAVAVAALSFSRVPTSLRT
SSWRLAQDQTQDTQLITVDEKLDITTLTGVP EEHIKTR
KVRIFVPARNNMQSGVNNTKKWKMEFDTRERWENPL
MGWASTADPLSNMVLTFSTKEDAVSFAEKNGWSYDIE
ERKVPKPKSKSYGANFSWNRTRVSTK

Host: Wheat Germ (in vitro)

Theoretical MW (kDa): 44.99

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: 4724

Gene Symbol: NDUFS4

Gene Alias: AQDQ

Gene Summary: This gene encodes an accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), or NADH:ubiquinone

oxidoreductase, the first multi-subunit enzyme complex of the mitochondrial respiratory chain. Complex I plays a vital role in cellular ATP production, the primary source of energy for many crucial processes in living cells. It removes electrons from NADH and passes them by a series of different protein-coupled redox centers to the electron acceptor ubiquinone. In well-coupled mitochondria, the electron flux leads to ATP generation via the building of a proton gradient across the inner membrane. Complex I is composed of at least 41 subunits, of which 7 are encoded by the mitochondrial genome and the remainder by nuclear genes. [provided by RefSeq]