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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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NDUFA5 (Human) Matched Antibody Pair

Catalog # : H00004698-AP21

規格 : [1 Set]

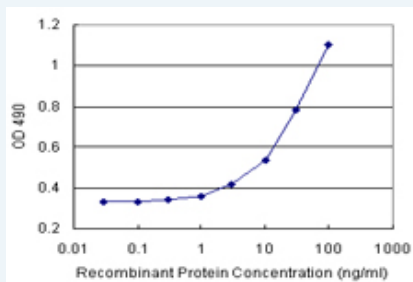
[List All](#)

Specification

Product Description: This antibody pair set comes with matched antibody pair to detect and quantify protein level of human NDUFA5.

Reactivity: Human

Quality Control Testing: Standard curve using recombinant protein (H00004698-P01) as an analyte.



Sandwich ELISA detection sensitivity ranging from 3 ng/ml to 100 ng/ml.

Supplied Product: Antibody pair set content:
 1. Capture antibody: rabbit MaxPab® affinity purified polyclonal anti-NDUFA5 (100 µg)
 2. Detection antibody: mouse polyclonal anti-NDUFA5 (40 µl)
 *Reagents are sufficient for at least 3-5 x 96 well plates using recommended protocols.

Storage Instruction: Store reagents of the antibody pair set at -20°C or lower. Please aliquot to avoid repeated freeze thaw cycle. Reagents should be returned to -20°C storage immediately after use.

MSDS:  [Download](#)

Applications

ELISA Pair (Recombinant protein)

 [Protocol Download](#)

Gene Information

Entrez GeneID: [4698](#)

Gene Name: NDUFA5

Gene Alias: B13, CI-13KD-B, DKFZp781K1356, FLJ12147, NUFM, UQOR13

Gene Description: NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 5, 13kDa

Omim ID: [601677](#)

Gene Ontology: [Hyperlink](#)

Gene Summary: The human NDUFA5 gene codes for the B13 subunit of complex I of the respiratory chain, which transfers electrons from NADH to ubiquinone. The high degree of conservation of NDUFA5 extending to plants and fungi indicates its functional significance in the enzyme complex. The protein localizes to the inner mitochondrial membrane as part of the 7 component-containing, water soluble "iron-sulfur protein" (IP) fraction of complex I, although its specific role is unknown. It is assumed to undergo post-translational removal of the initiator methionine and N-acetylation of the next amino acid. The predicted secondary structure is primarily alpha helix, but the carboxy-terminal half of the protein has high potential to adopt a coiled-coil form. The amino-terminal part contains a putative beta sheet rich in hydrophobic amino acids that may serve as mitochondrial import signal. Related pseudogenes have also been identified on four other chromosomes. [provided by RefSeq]

Other Designations: Complex I-13KD-B,NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 5,NADH dehydrogenase (ubiquinone) 1 alpha subcomplex, 5 (13kD, B13),type I dehydrogenase,ubiquinone reductase

Gene Pathway

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