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NDUFA9 Blocking Peptide (Center)

Synthetic peptide
Catalog # BP20542c

Specification

NDUFA9 Blocking Peptide (Center) - Product Information

Primary Accession Q16795

NDUFA9 Blocking Peptide (Center) - Additional Information

Gene ID 4704

Other Names
NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 9, mitochondrial, Complex I-39kD, CI-39kD, NADH-ubiquinone oxidoreductase 39 kDa subunit, NDUFA9, NDUFS2L

Target/Specificity
The synthetic peptide sequence is selected from aa 109-121 of Human NDUFA9

Format
Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage
Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions
This product is for research use only. Not for use in diagnostic or therapeutic procedures.

NDUFA9 Blocking Peptide (Center) - Protein Information

Name NDUFA9

Synonyms NDUFS2L

Function
Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Required for proper complex I assembly (PubMed:28671271). Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.

Cellular Location
Mitochondrion matrix

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NDUFA9 Blocking Peptide (Center) - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Blocking Peptides

NDUFA9 Blocking Peptide (Center) - Images

NDUFA9 Blocking Peptide (Center) - Background

Accessory subunit of the mitochondrial membrane respiratory chain NADH dehydrogenase (Complex I), that is believed not to be involved in catalysis. Complex I functions in the transfer of electrons from NADH to the respiratory chain. The immediate electron acceptor for the enzyme is believed to be ubiquinone.

NDUFA9 Blocking Peptide (Center) - References

Baens M., et al. Genomics 16:214-218(1993).
Loeffen J.L.C.M., et al. Submitted (FEB-1998) to the EMBL/GenBank/DDBJ databases.
Cross S.H., et al. Nat. Genet. 6:236-244(1994).
Murray J., et al. J. Biol. Chem. 278:13619-13622(2003).
Burkard T.R., et al. BMC Syst. Biol. 5:17-17(2011).