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NDUFA1 Blocking Peptide (Center)

Synthetic peptide
Catalog # BP21705c

Specification

NDUFA1 Blocking Peptide (Center) - Product Information

Primary Accession O15239

NDUFA1 Blocking Peptide (Center) - Additional Information

Gene ID 4694

Other Names
NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 1, Complex I-MWFE, CI-MWFE, NADH-ubiquinone oxidoreductase MWFE subunit, NDUFA1

Target/Specificity
The synthetic peptide sequence is selected from aa 46-59 of HUMAN NDUFA1

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.

NDUFA1 Blocking Peptide (Center) - Protein Information

Name NDUFA1

Function
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.

Cellular Location
Mitochondrion inner membrane; Single-pass membrane protein; Matrix side

Tissue Location
Primarily expressed in heart and skeletal muscle.

NDUFA1 Blocking Peptide (Center) - Protocols

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

- Blocking Peptides

NDUFA1 Blocking Peptide (Center) - Images

NDUFA1 Blocking Peptide (Center) - Background

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NDUFA1 Blocking Peptide (Center) - References

Zhuchenko O.,et al.Genomics 37:281-288(1996).
Frattini A.,et al.Gene 192:291-298(1997).
Zhuchenko O.P.,et al.Submitted (APR-1996) to the EMBL/GenBank/DDBJ databases.
Murray J.,et al.J. Biol. Chem. 278:13619-13622(2003).
Sjoeblom T.,et al.Science 314:268-274(2006).