

**NDUFA1 Blocking Peptide (Center)**

Synthetic peptide

Catalog # BP21705c

**Specification**

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**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**

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**

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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).