

NDUFB10 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP20477c**Specification**

NDUFB10 Blocking Peptide (Center) - Product Information

Primary Accession [O96000](#)
Other Accession [O9DCS9](#)

NDUFB10 Blocking Peptide (Center) - Additional Information

Gene ID 4716

Other Names

NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 10, Complex I-PDSW, CI-PDSW, NADH-ubiquinone oxidoreductase PDSW subunit, NDUFB10

Target/Specificity

The synthetic peptide sequence is selected from aa 58-70 of Human NDUFB10

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.

NDUFB10 Blocking Peptide (Center) - Protein Information

Name NDUFB10

Function

Accessory subunit that is involved in the functional assembly of the mitochondrial respiratory chain complex I. Complex I has an NADH dehydrogenase activity with ubiquinone as an immediate electron acceptor and mediates the transfer of electrons from NADH to the respiratory chain.

Cellular Location

Mitochondrion inner membrane; Peripheral membrane protein; Matrix side

NDUFB10 Blocking Peptide (Center) - Protocols

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

- [Blocking Peptides](#)

NDUFB10 Blocking Peptide (Center) - Images**NDUFB10 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.

NDUFB10 Blocking Peptide (Center) - References

Loeffen J.L.C.M., et al. Biochem. Biophys. Res. Commun. 253:415-422(1998).
Wang L., et al. Submitted (AUG-1998) to the EMBL/GenBank/DDBJ databases.
Zhang Q.-H., et al. Genome Res. 10:1546-1560(2000).
Murray J., et al. J. Biol. Chem. 278:13619-13622(2003).
Rikova K., et al. Cell 131:1190-1203(2007).