

NDUFA9 Blocking Peptide (Center)
Synthetic peptide
Catalog # BP20542c**Specification**

NDUFA9 Blocking Peptide (Center) - Product InformationPrimary 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

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).