10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

NDUFA7 Blocking Peptide (N-Term)

Synthetic peptide
Catalog # BP21716a

Specification

NDUFA7 Blocking Peptide (N-Term) - Product Information

Primary Accession O95182

NDUFA7 Blocking Peptide (N-Term) - Additional Information

Gene ID 4701

Other Names
NADH dehydrogenase [ubiquinone] 1 alpha subcomplex subunit 7, Complex I-B145a, CI-B145a, NADH-ubiquinone oxidoreductase subunit B145a, NDUFA7

Target/Specificity
The synthetic peptide sequence is selected from aa 19-33 of HUMAN NDUFA7

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.

NDUFA7 Blocking Peptide (N-Term) - Protein Information

Name NDUFA7

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; Peripheral membrane protein; Matrix side

NDUFA7 Blocking Peptide (N-Term) - Protocols

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

- Blocking Peptides

NDUFA7 Blocking Peptide (N-Term) - Images

NDUFA7 Blocking Peptide (N-Term) - 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.

NDUFA7 Blocking Peptide (N-Term) - References

Loeffen J.L.C.M.,et al.Biochem. Biophys. Res. Commun. 253:415-422(1998).
Zhang Q.-H.,et al.Genome Res. 10:1546-1560(2000).
Murray J.,et al.J. Biol. Chem. 278:13619-13622(2003).
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).