

NDUFA7 Blocking Peptide (C-Term)

Synthetic peptide

Catalog # BP21706b

Specification

NDUFA7 Blocking Peptide (C-Term) - Product Information

Primary Accession

[O95182](#)**NDUFA7 Blocking Peptide (C-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 100-110 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 (C-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 (C-Term) - Protocols

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

- [Blocking Peptides](#)

NDUFA7 Blocking Peptide (C-Term) - Images

NDUFA7 Blocking Peptide (C-Term) - Background

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NDUFA7 Blocking Peptide (C-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).