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

NDUFB3 Blocking Peptide (Center)

Synthetic peptide
Catalog # BP21738c

Specification

NDUFB3 Blocking Peptide (Center) - Product Information

Primary Accession O43676

NDUFB3 Blocking Peptide (Center) - Additional Information

Gene ID 4709

Other Names
NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 3, Complex I-B12, CI-B12, NADH-ubiquinone oxidoreductase B12 subunit, NDUFB3

Target/Specificity
The synthetic peptide sequence is selected from aa 34-49 of HUMAN NDUFB3

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.

NDUFB3 Blocking Peptide (Center) - Protein Information

Name NDUFB3

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

NDUFB3 Blocking Peptide (Center) - Protocols

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

- Blocking Peptides

NDUFB3 Blocking Peptide (Center) - Images

NDUFB3 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.

NDUFB3 Blocking Peptide (Center) - References

Ton C.,et al.Biochem. Biophys. Res. Commun. 241:589-594(1997).
Loeffen J.L.C.M.,et al.Biochem. Biophys. Res. Commun. 253:415-422(1998).
Ebert L.,et al.Submitted (JUN-2004) to the EMBL/GenBank/DDBJ databases.
Hillier L.W.,et al.Nature 434:724-731(2005).
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.