

NDUFB7 Blocking Peptide (N-term)

Synthetic peptide

Catalog # BP21560a

Specification

NDUFB7 Blocking Peptide (N-term) - Product Information

Primary Accession

[P17568](#)**NDUFB7 Blocking Peptide (N-term) - Additional Information**

Gene ID 4713

Other Names

NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 7, Cell adhesion protein SQM1, Complex I-B18, CI-B18, NADH-ubiquinone oxidoreductase B18 subunit, NDUFB7

Target/Specificity

The synthetic peptide sequence is selected from aa 27-40 of HUMAN NDUFB7

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.

NDUFB7 Blocking Peptide (N-term) - Protein Information

Name NDUFB7

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. Mitochondrion intermembrane space

NDUFB7 Blocking Peptide (N-term) - Protocols

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

- [Blocking Peptides](#)

NDUFB7 Blocking Peptide (N-term) - Images

NDUFB7 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.

NDUFB7 Blocking Peptide (N-term) - References

Wong Y.-C.,et al.Biochem. Biophys. Res. Commun. 166:984-992(1990).
Triepels R.,et al.Hum. Genet. 106:385-391(2000).
Hu R.-M.,et al.Proc. Natl. Acad. Sci. U.S.A. 97:9543-9548(2000).
Ebert L.,et al.Submitted (MAY-2004) to the EMBL/GenBank/DDBJ databases.
Mural R.J.,et al.Submitted (JUL-2005) to the EMBL/GenBank/DDBJ databases.