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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.