

**NDUFB4 Blocking Peptide (N-term)**  
**Synthetic peptide**  
**Catalog # BP20608a****Specification**

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**NDUFB4 Blocking Peptide (N-term) - Product Information**Primary Accession [O95168](#)**NDUFB4 Blocking Peptide (N-term) - Additional Information****Gene ID** 4710**Other Names**NADH dehydrogenase [ubiquinone] 1 beta subcomplex subunit 4, Complex I-B15, CI-B15,  
NADH-ubiquinone oxidoreductase B15 subunit, NDUFB4**Target/Specificity**

The synthetic peptide sequence is selected from aa 3-16 of HUMAN NDUFB4

**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.

**NDUFB4 Blocking Peptide (N-term) - Protein Information****Name** NDUFB4**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

**NDUFB4 Blocking Peptide (N-term) - Protocols**

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

- [Blocking Peptides](#)

**NDUFB4 Blocking Peptide (N-term) - Images****NDUFB4 Blocking Peptide (N-term) - Background**

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**NDUFB4 Blocking Peptide (N-term) - References**

Loeffen J.L.C.M.,et al.Biochem. Biophys. Res. Commun. 253:415-422(1998).  
Muzny D.M.,et al.Nature 440:1194-1198(2006).  
Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.  
Murray J.,et al.J. Biol. Chem. 278:13619-13622(2003).  
Burkard T.R.,et al.BMC Syst. Biol. 5:17-17(2011).