

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### ND5 (M359) Peptide

Cat No.: BS3884P

#### Background

A small number of complex I subunits are the products of mitochondrial genes (subunits 1-7), while the remainder are nuclear encoded and imported from the cytoplasm. NADH dehydrogenase subunit 5 (ND5) is most likely a component of the hydrophobic protein fragment of Complex I. Mutations in the gene encoding for ND5 are implicated in Mitochondrial neurogastrointestinal encephalomyopathy, an autosomal recessive multi-system disorder that results in dramatically elevated levels of circulating thymidine and deoxyuridine.

#### Swiss-Prot

P03915

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3884 ND5 (M359) pAb.

#### Purification & Purity

Synthetic peptide ND5 (M359). (Note: the amino acid sequence is proprietary). The purity is > 98%.

#### Product

1 mg/ml in DI water.

#### Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

#### Research Use

For research use only, not for use in diagnostic procedure.