

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Cox-10 (K147) Peptide

Cat No.: BS2868P

Background

Defects in COX10 are a cause of mitochondrial complex IV deficiency (MT-C4D) [MIM:220110]; also known as cytochrome c oxidase deficiency. A disorder of the mitochondrial respiratory chain with heterogeneous clinical manifestations, ranging from isolated myopathy to severe multisystem disease affecting several tissues and organs. Features include hypertrophic cardiomyopathy, hepatomegaly and liver dysfunction, hypotonia, muscle weakness, exercise intolerance, developmental delay, delayed motor development and mental retardation. A subset of patients manifest Leigh syndrome.

Swiss-Prot

Q12887

Applications

Blocking

Specificity

This peptide can be used with studies using BS2868 Cox-10 (K147) pAb.

Purification & Purity

Synthetic peptide Cox-10 (K147). (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.