

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



COX7A2L Peptide

Cat No.: BS60288P

Background

The cytochrome c oxidase (COX) family of proteins function as the final electron donor in the respiratory chain to drive a proton gradient across the inner mitochondrial membrane, ultimately resulting in the production of water. The mammalian COX apoenzyme is a dimer, with each monomer consisting of 13 subunits, some of which are mitochondrial and some of which are nuclear. COX7a2 (cytochrome c oxidase subunit VIIa polypeptide 2), also known as COX7AL or COX7AL1, is an 83 amino acid protein that localizes to the inner mitochondrial membrane and exists as a component of the COX complex, playing an important role in electron transport. COX7a2L (cytochrome c oxidase subunit 7A-related protein), also known as COX7AR or COX7RP, is an inner mitochondrial membrane protein that consists of 114 amino acids and is induced by estrogen.

Swiss-Prot

O14548

Applications

Blocking

Specificity

This peptide can be used with studies using BS60288 COX7A2L pAb.

Purification & Purity

Synthetic peptide COX7A2L. (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.