

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Mfn2 (F403) Peptide

Cat No.: BS3682P

Background

MFN2 is an essential transmembrane GTPase which mediates mitochondrial fusion. Fusion of mitochondria occurs in many cell types and constitutes an important step in mitochondria morphology, which is balanced between fusion and fission. MFN2 acts independently of the cytoskeleton, plays a central role in mitochondrial metabolism and may be associated with obesity and/or apoptosis processes. Overexpression induces the formation of mitochondrial networks. It plays an important role in the regulation of vascular smooth muscle cell proliferation. Defects in MFN2 lead to Charcot-Marie-Tooth disease, the most common inherited disorder of the peripheral nervous system.

Swiss-Prot

O95140

Applications

Blocking

Specificity

This peptide can be used with studies using BS3682 Mfn2 (F403) pAb.

Purification & Purity

Synthetic peptide Mfn2 (F403). (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.