

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### ATP5S Peptide

Cat No.: BS5624P

#### Background

ATP5S, also known as ATP synthase subunits, mitochondrial, ATP synthase-coupling factor B or ATP synthase, H<sup>+</sup> transporting, mitochondrial F<sub>0</sub> complex, subunits (factor B), is a 215 amino acid mitochondrial inner membrane protein that belongs to the ATP synthase subunits family. Involved in regulation of mitochondrial membrane ATP synthase, ATP5S is necessary for H<sup>+</sup> conduction of ATP synthase. The ATP5S gene encodes subunits, also known as factor B, of the proton channel. This subunit is necessary for energy transduction in ATP synthase complexes. The ATP5S gene is conserved in chimpanzee, canine, bovine, mouse, rat, chicken, zebrafish and mosquito, and maps to human chromosome 14q21.3.

#### Swiss-Prot

Q99766

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS5624 ATP5S pAb.

#### Purification & Purity

Synthetic peptide ATP5S. (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.