

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### MRP-S25 (K168) Peptide

Cat No.: BS3880P

#### Background

Mammalian mitochondrial ribosomes (mitoribosomes) are responsible for protein synthesis within the mitochondrion. The mitoribosomes are composed of a 4:1 ratio of protein to RNA, with the proteins forming two subunits, the 28S subunit and the 39S subunit. Across species, the proteins that make up the mitoribosome subunits vary greatly in sequence, preventing easy recognition by sequence homology. MRP-S25 (mitochondrial 28S ribosomal protein S25), also known as S25mt, is a 173 amino acid mitochondrial ribosomal protein belonging to the ribosomal protein S25/L51 family. Localized to mitochondria, MRP-S25 is present in the 28S subunit of the mitoribosomes.

#### Swiss-Prot

P82663

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3880 MRP-S25 (K168) pAb.

#### Purification & Purity

Synthetic peptide MRP-S25 (K168). (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.