

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### MRP-S34 (K214) Peptide

Cat No.: BS3327P

#### Background

Mitochondrial ribosomes consist of a large 39S subunit and a small 28S subunit, both of which are comprised of multiple mitochondrial ribosomal proteins (MRPs) that are encoded by nuclear genes and are essential for protein synthesis within mitochondria. MRP-S34 (mitochondrial ribosomal protein S34), is a 218 amino acid protein that localizes to the mitochondrion, where it exists as a component of the 28S ribosomal subunit and works in conjunction with other MRPs to mediate protein synthesis. The gene encoding MRP-S34 maps to human chromosome 16, which encodes over 900 genes and comprises nearly 3% of the human genome.

#### Swiss-Prot

P82930

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3327 MRP-S34 (K214) pAb.

#### Purification & Purity

Synthetic peptide MRP-S34 (K214). (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.