

RM38 Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP10225b**Specification**

RM38 Antibody (C-term) Blocking peptide - Product Information

Primary Accession [O96DV4](#)
Other Accession [NP_115867.2](#)

RM38 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 64978

Other Names

39S ribosomal protein L38, mitochondrial, L38mt, MRP-L38, MRPL38

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

RM38 Antibody (C-term) Blocking peptide - Protein Information

Name MRPL38

Cellular Location

Mitochondrion

RM38 Antibody (C-term) Blocking peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

RM38 Antibody (C-term) Blocking peptide - Images**RM38 Antibody (C-term) Blocking peptide - Background**

Mammalian mitochondrial ribosomal proteins are encoded by nuclear genes and help in protein synthesis within the mitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of a small 28S subunit and a large 39S subunit. They have an estimated 75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between

mammalianmitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among different species, the proteins comprising themitoribosome differ greatly in sequence, and sometimes inbiochemical properties, which prevents easy recognition by sequencehomology. This gene encodes a 39S subunit protein. [provided byRefSeq].

RM38 Antibody (C-term) Blocking peptide - References

Lamesch, P., et al. Genomics 89(3):307-315(2007)Zhang, Z., et al. Genomics 81(5):468-480(2003)Kenmochi, N., et al. Genomics 77 (1-2), 65-70 (2001) :