

RM38 Antibody (C-term) Blocking peptide

Synthetic peptide Catalog # BP10225b

Specification

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

Primary Accession Q96DV4
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 LocationMitochondrion

RM38 Antibody (C-term) Blocking peptide - Protocols

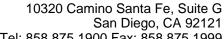
Provided below are standard protocols that you may find useful for product applications.

• Blocking Peptides

RM38 Antibody (C-term) Blocking peptide - Images

RM38 Antibody (C-term) Blocking peptide - Background

Mammalian mitochondrial ribosomal proteins are encoded bynuclear genes and help in protein synthesis within themitochondrion. Mitochondrial ribosomes (mitoribosomes) consist of asmall 28S subunit and a large 39S subunit. They have an estimated75% protein to rRNA composition compared to prokaryotic ribosomes, where this ratio is reversed. Another difference between





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mammalianmitoribosomes and prokaryotic ribosomes is that the latter containa 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):