

RM35 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP9429b**Specification**

RM35 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q9NZE8](#)**RM35 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 51318**Other Names**

39S ribosomal protein L35, mitochondrial, L35mt, MRP-L35, MRPL35

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.

RM35 Antibody (C-term) Blocking Peptide - Protein Information**Name** MRPL35**Cellular Location**

Mitochondrion

RM35 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

RM35 Antibody (C-term) Blocking Peptide - Images**RM35 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 mammalian mitoribosomes and prokaryotic ribosomes is that the latter contain a 5S rRNA. Among

different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology. This gene encodes a 39S subunit protein. Sequence analysis identified three transcript variants. Pseudogenes corresponding to this gene are found on chromosomes 6p, 10q, and Xp.

RM35 Antibody (C-term) Blocking Peptide - References

Zhang, Z., et al. Genomics 81(5):468-480(2003)Koc, E.C., et al. J. Biol. Chem. 276(47):43958-43969(2001)Kenmochi, N., et al. Genomics 77 (1-2), 65-70 (2001) :Auffray, C., et al. C. R. Acad. Sci. III, Sci. Vie 318(2):263-272(1995)