

Recombinant Human MRPL39

Catalog No: #GP11765



Package Size: #GP11765-1 100ug

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Description

Product Name	Recombinant Human MRPL39
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to N terminal 300 amino acids of human mitochondrial ribosomal protein L39
Target Name	mitochondrial ribosomal protein L39
Other Names	L39mt; MRPL5; RPML5; MRP-L5; PRED22; PRED66; MSTP003; C21orf92
Accession No.	Swissprot:Q9NYK5Gene Accession:BC004896
Uniprot	Q9NYK5
GeneID	54148;
Storage	-20~-80°C, pH 7.6 PBS

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.

References

Note: For in vitro research use only, not for diagnostic or therapeutic use. This product is not a medical device.

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