

## Recombinant Human MRPL11

Catalog No: #GP11759



Package Size: #GP11759-1 100ug

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## Description

Product Name	Recombinant Human MRPL11
Brief Description	Recombinant Protein
Immunogen Description	Fusion protein corresponding to a region derived from 42-158 amino acids of human mitochondrial ribosomal protein L11
Target Name	mitochondrial ribosomal protein L11
Other Names	L11MT; CGI-113; MRP-L11
Accession No.	Swissprot:Q9Y3B7Gene Accession:BC005002
Uniprot	Q9Y3B7
GenID	65003;
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. Among different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology.?

## 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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