

MRPL39 抗原（重组蛋白）

中文名称： MRPL39 抗原（重组蛋白）

英文名称： MRPL39 Antigen (Recombinant Protein)

别名： mitochondrial ribosomal protein L39; L39mt; MRPL5; RPML5; MRP-L5; PRED22; PRED66; MSTP003; C21orf92

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to N terminal 300 amino acids of human MRPL39

技术规格

Full name:	mitochondrial ribosomal protein L39
Synonyms:	L39mt; MRPL5; RPML5; MRP-L5; PRED22; PRED66; MSTP003; C21orf92
Swissprot:	Q9NYK5
Gene Accession:	BC004896
Purity:	>85%, as determined by Coomassie blue stained SDS-PAGE
Expression system:	Escherichia coli
Tags:	His tag C-Terminus, GST tag N-Terminus
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.