

MRPL28 抗原（重组蛋白）

中文名称： MRPL28 抗原（重组蛋白）

英文名称： MRPL28 Antigen (Recombinant Protein)

别名： mitochondrial ribosomal protein L28; p15; MAAT1

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 56-256 amino acids of human MRPL28

技术规格

Full name:	mitochondrial ribosomal protein L28
Synonyms:	p15; MAAT1
Swissprot:	Q13084
Gene Accession:	BC000990
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. Among differ

nt species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology.