

MRPL11 抗原（重组蛋白）

中文名称： MRPL11 抗原（重组蛋白）

英文名称： MRPL11 Antigen (Recombinant Protein)

别名： mitochondrial ribosomal protein L11; L11MT; CGI-113; MRP-L11

储存： 冷冻（-20℃）

相关类别： 抗原

概述

Fusion protein corresponding to a region derived from 42-158 amino acids of human MRPL11

技术规格

Full name:	mitochondrial ribosomal protein L11
Synonyms:	L11MT; CGI-113; MRP-L11
Swissprot:	Q9Y3B7
Gene Accession:	BC005002
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 different species, the proteins comprising the mitoribosome differ greatly in sequence, and sometimes in biochemical properties, which prevents easy recognition by sequence homology.