

MRPS35 抗原（重组蛋白）

中文名称：MRPS35 抗原（重组蛋白）

英文名称：MRPS35 Antigen (Recombinant Protein)

别名：MDS023; MRPS28; MRP-S28; HDCMD11P

储存：冷冻（-20℃）

相关类别：抗原

概述：

Fusion protein corresponding to a region derived from 124-323 amino acids of human MRPS35

技术规格：

Full name:	mitochondrial ribosomal protein S35
Synonyms:	MDS023; MRPS28; MRP-S28; HDCMD11P
Swissprot:	P82673
Gene Accession:	BC015862
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.

n by sequence homology. This gene encodes a 28S subunit protein that has had confusing nomenclature in the literature. Alternatively spliced transcript variants encoding different isoforms have been found for this gene. Pseudogenes corresponding to this gene are found on chromosomes 3p, 5q, and 10q.