Recombinant Human MRPL19 cell lysate

Cat. No. MRPL19-1133HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	
Species	Human
Description	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. This gene encodes a 39S subunit protein.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	MRPL19 mitochondrial ribosomal protein L19 [Homo sapiens]

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Official Symbol	MRPL19
Synonyms	MRPL19; mitochondrial ribosomal protein L19; 39S ribosomal protein L19, mitochondrial; 39S ribosomal protein L19; KIAA0104; MRP L15; RLX1; RPML15; L15mt; 39S ribosomal protein L15, mitochondrial; L19mt; MRPL15; MRP-L15; MRP-L19; MGC20675;
Gene ID	9801
mRNA Refseq	NM_014763
Protein Refseq	NP_055578
MIM	611832
UniProt ID	P49406
Chromosome Location	2p11.1-q11.2
Pathway	Cytoplasmic Ribosomal Proteins, organism-specific biosystem;
Function	structural constituent of ribosome;

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