

Recombinant Human LARS2 cell lysate

Cat. No. LARS2-972HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	This gene encodes a class 1 aminoacyl-tRNA synthetase, mitochondrial leucyl-tRNA synthetase. Each of the twenty aminoacyl-tRNA synthetases catalyzes the aminoacylation of a specific tRNA or tRNA isoaccepting family with the cognate amino acid.
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	LARS2 leucyl-tRNA synthetase 2, mitochondrial [Homo sapiens]
Official Symbol	LARS2
Synonyms	LARS2; leucyl-tRNA synthetase 2, mitochondrial; probable leucine--tRNA ligase, mitochondrial; KIAA0028; leucine tRNA ligase 2; mitochondrial; LEURS; MGC26121; leucine transase; leucine tRNA ligase 2, mitochondrial; probable leucyl-tRNA synthetase, mitochondrial;

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Gene ID	23395
mRNA Refseq	NM_015340
Protein Refseq	NP_056155
MIM	604544
UniProt ID	Q15031
Chromosome Location	3p21.3
Pathway	Aminoacyl-tRNA biosynthesis, organism-specific biosystem; Aminoacyl-tRNA biosynthesis, conserved biosystem; Aminoacyl-tRNA biosynthesis, eukaryotes, organism-specific biosystem; Aminoacyl-tRNA biosynthesis, eukaryotes, conserved biosystem; Gene Expression, organism-specific biosystem; Mitochondrial tRNA aminoacylation, organism-specific biosystem; tRNA Aminoacylation, organism-specific biosystem;
Function	ATP binding; leucine-tRNA ligase activity; ligase activity; nucleotide binding;