

Recombinant Human LARS2, GST-tagged

Cat. No. LARS2-510H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LARS2 protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	554-903aa
Storage	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na ₂ HPO ₄ , 17mM NaH ₂ PO ₄ , 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100, 15% glycerol.

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;