Recombinant Human LARS, GST-tagged

Cat. No. LARS-509H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Human LARS protein, fused to GST-tag, was expressed in E.coli and purified by GSH-sepharose.
Species	Human
Source	E.coli
ProteinLength	C-350aa
Storage	The protein is stored in PBS buffer at -20℃. Avoid repeated freezing and thawing cycles.
Storage Buffer	1M PBS (58mM Na2HPO4,17mM NaH2PO4, 68mM NaCl, pH8.) added with 100mM GSH and 1% Triton X-100,15%glycerol.

GENE INFORMATION

Gene Name	LARS leucyl-tRNA synthetase [Homo sapiens]
Official Symbol	LARS
Synonyms	LARS; leucyl-tRNA synthetase; leucine--tRNA ligase, cytoplasmic; FLJ10595; FLJ21788; HSPC192; LARS1; leucine tRNA ligase 1; cytoplasmic; LEUS; RNTLS; leucine translase; leucine-tRNA ligase; proliferation-inducing gene 44; cytosolic leucyl-tRNA synthetase; cytoplasmic leucyl-tRNA synthetase; leucine tRNA ligase 1,

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	cytoplasmic; leucyl-tRNA synthetase, cytoplasmic; LRS; LEURS; PIG44; hr025Cl; KIAA1352;
Gene ID	51520
mRNA Refseq	NM_020117
Protein Refseq	NP_064502
MIM	151350
UniProt ID	Q9P2J5
Chromosome Location	5q32
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; Cytosolic tRNA aminoacylation, organism-specific biosystem; Gene Expression, organism-specific biosystem; tRNA Aminoacylation, organism-specific biosystem;
Function	ATP binding; aminoacyl-tRNA ligase activity; leucine-tRNA ligase activity; ligase activity; nucleotide binding; protein binding;

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