

Recombinant Human EARS2 cell lysate

Cat. No. EARS2-524HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
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	EARS2 glutamyl-tRNA synthetase 2, mitochondrial (putative) [Homo sapiens]
Official Symbol	EARS2
Synonyms	EARS2; glutamyl-tRNA synthetase 2, mitochondrial (putative); probable glutamate--tRNA ligase, mitochondrial; glutamate tRNA ligase 2; mitochondrial (putative); KIAA1970; MSE1; gluRS; glutamate--tRNA ligase; glutamate tRNA ligase 2, mitochondrial; probable glutamyl-tRNA synthetase, mitochondrial;
Gene ID	124454
mRNA Refseq	NM_001083614

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Protein Refseq	NP_001077083
MIM	612799
UniProt ID	Q5JPH6
Chromosome Location	16p12.3
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; Metabolic pathways, organism-specific biosystem; Mitochondrial tRNA aminoacylation, organism-specific biosystem;
Function	ATP binding; RNA binding; glutamate-tRNA ligase activity; glutamate-tRNA(Gln) ligase activity; ligase activity; nucleotide binding;

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