

Recombinant Human RARS2 cell lysate

Cat. No. RARS2-1473HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
Description	The protein encoded by this gene is an arginyl-tRNA synthetase that is found in the mitochondrial matrix. Defects in this gene are a cause of pontocerebellar hypoplasia type 6 (PCH6).
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	RARS2?arginyl-tRNA synthetase 2, mitochondrial [?Homo sapiens?(human)]
Official Symbol	RARS2
Synonyms	RARS2; arginyl-tRNA synthetase 2, mitochondrial; PCH6; ArgRS; RARSL; DALRD2; PRO1992; dJ382I10.6; probable arginine--tRNA ligase, mitochondrial; arginine-tRNA ligase; arginine--tRNA ligase; probable arginyl-tRNA synthetase, mitochondrial; NP_064716.2; EC 6.1.1.19

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Gene ID	57038
mRNA Refseq	NM_020320
Protein Refseq	NP_064716
MIM	611524
UniProt ID	Q5T160
Chromosome Location	6q16.1
Pathway	Aminoacyl-tRNA biosynthesis, organism-specific biosystem; Aminoacyl-tRNA biosynthesis, eukaryotes, organism-specific biosystem; Mitochondrial tRNA aminoacylation, organism-specific biosystem
Function	ATP binding; arginine-tRNA ligase activity; poly(A) RNA binding

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