

Recombinant Human YARS2 cell lysate

Cat. No. YARS2-1944HCL **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	YARS2 tyrosyl-tRNA synthetase 2, mitochondrial [Homo sapiens]
Official Symbol	YARS2
Synonyms	YARS2; tyrosyl-tRNA synthetase 2, mitochondrial; tyrosine--tRNA ligase, mitochondrial; CGI 04; FLJ13995; mt TyrRS; tyrosine tRNA ligase 2; mitochondrial; tyrosine tRNA ligase 2, mitochondrial; TYRRS; CGI-04; MLASA2; MT-TYRRS;
Gene ID	51067
mRNA Refseq	NM_001040436
Protein Refseq	NP_001035526

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

MIM	610957
UniProt ID	Q9Y2Z4
Chromosome Location	12p11.21
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; ligase activity; nucleotide binding; protein homodimerization activity; tRNA binding; tyrosine binding; tyrosine-tRNA ligase activity; tyrosine-tRNA ligase activity;