

Recombinant Human PARS2, His-tagged

Cat. No. PARS2-1536H Lot. No. (See product label)

SPECIFICATION

Product Overview	Recombinant Human PARS2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
Species	Human
Source	E.coli
ProteinLength	126-475aa
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 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

GENE INFORMATION

Gene Name	PARS2 prolyl-tRNA synthetase 2, mitochondrial (putative) [Homo sapiens]
Official Symbol	PARS2
Synonyms	PARS2; prolyl-tRNA synthetase 2, mitochondrial (putative); probable proline--tRNA ligase, mitochondrial; DKFZp727A071; proline tRNA ligase 2; mitochondrial (putative); proRS; proline--tRNA ligase; proline tRNA ligase 2, mitochondrial (putative); MT-PRORS; MGC14416; MGC19467;

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Gene ID	25973
mRNA Refseq	NM_152268
Protein Refseq	NP_689481
MIM	612036
UniProt ID	Q7L3T8
Chromosome Location	1p32.2
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; proline-tRNA ligase activity;

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