

## Recombinant Human NARS2, His-tagged

Cat. No. NARS2-1187H Lot. No. (See product label)

### SPECIFICATION

<b>Product Overview</b>	Recombinant Human NARS2 protein, fused to His-tag, was expressed in E.coli and purified by Ni-sepharose.
<b>Species</b>	Human
<b>Source</b>	E.coli
<b>ProteinLength</b>	132-477aa
<b>Storage</b>	The protein is stored in PBS buffer at -20°C. Avoid repeated freezing and thawing cycles.
<b>Storage Buffer</b>	1M PBS (58mM Na <sub>2</sub> HPO <sub>4</sub> , 17mM NaH <sub>2</sub> PO <sub>4</sub> , 68mM NaCl, pH8. ) added with 300mM Imidazole and 0.7% Sarcosyl, 15% glycerol.

### GENE INFORMATION

<b>Gene Name</b>	NARS2 asparaginyl-tRNA synthetase 2, mitochondrial (putative) [ Homo sapiens ]
<b>Official Symbol</b>	NARS2
<b>Synonyms</b>	NARS2; asparaginyl-tRNA synthetase 2, mitochondrial (putative); probable asparagine--tRNA ligase, mitochondrial; asparagine tRNA ligase 2; mitochondrial (putative); FLJ23441; SLM5; asparagine--tRNA ligase; asparagine tRNA ligase 2, mitochondrial (putative); probable asparaginyl-tRNA synthetase, mitochondrial;

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

 Email: [info@creative-biomart.com](mailto:info@creative-biomart.com)  Fax: 1-631-938-8127

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

	asnRS;
<b>Gene ID</b>	79731
<b>mRNA Refseq</b>	NM_001243251
<b>Protein Refseq</b>	NP_001230180
<b>MIM</b>	612803
<b>UniProt ID</b>	Q96I59
<b>Chromosome Location</b>	11q14.1
<b>Pathway</b>	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;
<b>Function</b>	ATP binding; asparagine-tRNA ligase activity; ligase activity; nucleic acid binding; nucleotide binding;

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