

## Recombinant Human NARS cell lysate

Cat. No. NARS-1167HCL Lot. No. (See product label)

### SPECIFICATION

<b>Species</b>	Human
<b>Description</b>	Aminoacyl-tRNA synthetases are a class of enzymes that charge tRNAs with their cognate amino acids. Asparaginyl-tRNA synthetase is localized to the cytoplasm and belongs to the class II family of tRNA synthetases. The N-terminal domain represents the signature sequence for the eukaryotic asparaginyl-tRNA synthetases.
<b>Size</b>	100 ul
<b>Storage Buffer</b>	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
<b>Applications</b>	Western Blot;

### GENE INFORMATION

<b>Gene Name</b>	NARS asparaginyl-tRNA synthetase [ Homo sapiens ]
<b>Official Symbol</b>	NARS
<b>Synonyms</b>	NARS; asparaginyl-tRNA synthetase; asparagine--tRNA ligase, cytoplasmic; asparagine tRNA ligase 1; cytoplasmic; NARS1; asparagine tRNA ligase 1, cytoplasmic; asparaginyl-tRNA synthetase, cytoplasmic; ASNRS;
<b>Gene ID</b>	4677

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<b>mRNA Refseq</b>	NM_004539
<b>Protein Refseq</b>	NP_004530
<b>MIM</b>	108410
<b>UniProt ID</b>	O43776
<b>Chromosome Location</b>	18q21.31
<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; Cytosolic tRNA aminoacylation, organism-specific biosystem; Gene Expression, 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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