

Recombinant Human NARS1 Protein (Met1-Arg330), N-His tagged

Cat. No. NARS1-3739H **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant human NARS1 (Met1-Arg330) fused with the N-His tag was expressed in E. coli.
Species	Human
Source	E.coli
ProteinLength	Met1-Arg330
Description	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.
Form	Lyophilized powder/frozen liquid
Molecular Mass	39.78 kDa
Purity	>90% as determined by SDS-PAGE.
Notes	For research use only.
Storage	Use a manual defrost freezer and avoid repeated freeze thaw cycles. Store at 2 to 8 centigrade for one week. Store at -20 to -80 centigrade for twelve months from the

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	date of receipt.
Storage Buffer	0.01M PBS, pH 7.4, 0.02% NLS
Reconstitution	Reconstitute in sterile water for a stock solution.
Shipping	They are shipped out with dry ice/blue ice unless customers require otherwise.

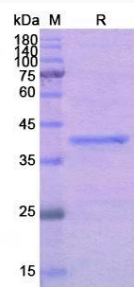
GENE INFORMATION

Gene Name	NARS1 asparaginyl-tRNA synthetase 1 [Homo sapiens (human)]
Official Symbol	NARS1
Synonyms	NARS1; asparaginyl-tRNA synthetase 1; NARS; ASNRS; NEDMILG; NEDMILEG; asparagine--tRNA ligase, cytoplasmic; asparagine tRNA ligase 1, cytoplasmic; asparaginyl-tRNA synthetase, cytoplasmic; EC 6.1.1.22
Gene ID	4677
mRNA Refseq	NM_004539
Protein Refseq	NP_004530
MIM	108410
UniProt ID	O43776

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