

Recombinant Mouse Nars protein, His & GST-tagged

Cat. No. Nars-1672M **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Mouse Nars aa. (Met1~Gly291 (Accession # Q8BP47)) fused with N-terminal His & GST tag was produced in E. coli cells.
Species	Mouse
Source	E.coli
ProteinLength	Met1~Gly291
Form	Freeze-dried powder
Molecular Mass	Predicted Molecular Mass: 62.9kDa
Endotoxin	<1.0EU per 1ug (determined by the LAL method)
Purity	>90%
Applications	SDS-PAGE; WB; ELISA; IP.
Stability	The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.
Storage	Avoid repeated freeze/thaw cycles. Store at 2-8°C for one month. Aliquot and store at

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-80°C for 12 months.

Storage buffer

Supplied as lyophilized form in 20mM Tris, 150mM NaCl, pH8.0, containing 1mM EDTA, 1mM DTT, 0.01% sarcosyl, 5% trehalose, and preservative.

Reconstitution

Reconstitute in sterile ddH₂O.

Isoelectric Point

7.6

GENE INFORMATION

Gene Name

Nars asparaginyl-tRNA synthetase [*Mus musculus* (house mouse)]

Official Symbol

Nars

Synonyms

Nars; asparaginyl-tRNA synthetase; ASNRS; C78150; AA960128; 3010001M15Rik; asparagine--tRNA ligase, cytoplasmic; asparaginyl-tRNA synthetase, cytoplasmic

Gene ID

70223

mRNA Refseq

NM_001142950.1

Protein Refseq

NP_001136422.1

UniProt ID

Q8BP47

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SDS-PAGE

