

## Product datasheet for **SC209090**

### **NARS2 (NM\_024678) Human 3' UTR Clone**

#### Product data:

**Product Type:** 3' UTR Clones  
**Product Name:** NARS2 (NM\_024678) Human 3' UTR Clone  
**Vector:** pMirTarget (PS100062)  
**Symbol:** NARS2  
**Synonyms:** asnRS; DFNB94; SLM5  
**ACCN:** NM\_024678  
**Insert Size:** 732 bp  
**Insert Sequence:** >SC209090 3'UTR clone of NM\_024678  
The sequence shown below is from the reference sequence of NM\_024678. The complete sequence of this clone may contain minor differences, such as SNPs.  
**Blue**=Stop Codon **Red**=Cloning site

```
GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
CCAAGGTTTCCTCATTGCCTTTTATAGCTGGAAGATTGGTTAAGGAAAAGCACCCCATGGCAGA
GACACTGCACATGATTGTGCATACAGCAGAATGCATGTTGGATTTAGAAATGCAGATTCAATATGT
AATTGTTGTGCCATAAGATATCATAGAAAAAATAAAGTGGTTGTGATTTCTTAGAAAGTTGAGGGTA
TTTCACGTAAGGATGAGCTCCCGCAAGAAGAGGTAATTATAGCAAGGGGACTCTCAAATCCATTACCTC
AATTAAGAAATGAAGAAATTGAATTAGTCTCAAAGTTTCTTTAAACTCTAAAACAGAATGAGATAATG
TATTTTACGTTGTCTATAATCATTAAATCACTCCCTGTGTAATTTGTGAGAACCCTAGTAGCTCGAA
ATAAAATAATGTTGCATCTTTTCCCTTGCCATATACTTTGTGATAAATCCTTATCTCATTTCAGTA
CTTCATTAACATTGCAGAAAAAATATTCCTTAAGGTCTTAATTGATTTAAAGAAGTAGCTATTCTGA
ATTGAAATCTCCTTCATTGAACTGGATGAAAAAATCATGTTAATAACTGTTGCTTTTCAATTTCAA
AGCTGTTGAGATATTACATTAAGTATTTCAACTCTTAATCACTGTTGTTATAATTTGTTTATATTTGA
TGTTTATAATTTGTCTAATAAAATAGATTTTTTAAATAGACA
ACGCGTAAAGCGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCGCTTCTATGAAAGG
```

**Restriction Sites:** Sgfl-MluI

**OTI Disclaimer:** Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences, e.g., single nucleotide polymorphisms (SNPs).



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<b>Components:</b>	The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.
<b>RefSeq:</b>	<a href="#">NM_024678.6</a>
<b>Summary:</b>	This gene encodes a putative member of the class II family of aminoacyl-tRNA synthetases. These enzymes play a critical role in protein biosynthesis by charging tRNAs with their cognate amino acids. This protein is encoded by the nuclear genome but is likely to be imported to the mitochondrion where it is thought to catalyze the ligation of asparagine to tRNA molecules. Mutations in this gene have been associated with combined oxidative phosphorylation deficiency 24 (COXPD24). [provided by RefSeq, Mar 2015]
<b>Locus ID:</b>	79731
<b>MW:</b>	28.9