

## Product datasheet for **RC200087A1V**

### Human NARS1 (NM\_004539) AAV Particle

#### Product data:

Product Type:	AAV Particles
Product Name:	Human NARS1 (NM_004539) AAV Particle
Tag:	Myc-DDK
Symbol:	NARS1
Synonyms:	ASNRS; NARS
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)



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**ORF Nucleotide Sequence:**

>RC200087 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGGATCGCC

ATGGTGTAGCAGAGCTGTACGTCTCTGACCGAGAGGGAAGCGATGCCACGGGAGATGGAACCAAGGAGA  
 AACCATTTAAACAGGTCTAAAGGCTTTGATGACAGTAGGAAAGAACCATTTCCCTACCATTTACGTAGA  
 TTCACAAAAAGAAAATGAGAGGTGGAATGTTATTTCTAAATCACAGTTGAAGAACATTAAGATGTGG  
 CATAGGGAACAAATGAAGAGTGAATCCCGGAAAGAAAGAGGCAGAAGATAGTTTACGAAGAGAAAAGA  
 ACCTGGAAGAAGCAAAGAAGATTACCATTAATAATGATCCAAGTCTCCAGAGCCAAAATGTGTGAAGAT  
 TGGTGCCTTAGAAGGATATAGAGGCCAAAGAGTAAAGGTGTTGGCTGGGTCCACAGGCTGCGCAGGCAA  
 GGAAAGAAATTTAATGTTTCTGGTGTGCGAGATGGTACAGTTATCTTCAGTGTGTCTTGGCGGATGAGT  
 TGTGTCAGTGTACAATGGAGTCTCTTGTCCACGGAGAGCAGTGTTCAGTGTATGGAATGCTAAATCT  
 TACCCCAAAGGGCAAGCAGGCTCCAGGTGGCCATGAGCTGAGTGTGACTTCTGGAACTAATTGGGTTG  
 GCCCTGCTGGAGGAGCTGACAACCTGATCAATGAGGAGTCTGACGTTGATGTCCAGCTCAACAACAGAC  
 ACATGATGATCCGAGGAGAAAACATGTCCAAAATCCTAAAAGCAGATCCATGGTCAACAGGTGCTTTAG  
 AGATCACTTCTTTGATAGGGGACTATGAAGTTACTCCTCAACATTAGTGAAAACACAAGTAGAAGGT  
 GGTGCCACACTCTTCAAGCTTGACTATTTGGGGAAGAGGCATTTTACTCAATCCTCTCAGTTGTACT  
 TGGAGACCTGCCTCCAGCCCTGGGAGATGTTTTTGTATTGCTCAGTCATACCGGGCAGAGCAGTCCAG  
 AACACGAAGGCACCTGGCTGAGTACACTCACGTGGAAGCTGAGTGTCTTTCTGACTTTTGACGACCTC  
 CTGAACCGTTGGAGGACTTGGTTTGTGATGTGGTAGATCGAATATTGAAGTCACTGCAGGGAGCATAG  
 TGCATGAGCTCAACCCGAACCTTCAGCCCCCAACGGCCTTTCAAACGGATGAACATTCAGATGCTAT  
 CGTTTGGCTAAAAGAACATGATGTAAGAAAGAAGATGGAACCTTCTATGAATTTGGAGAAGATATCCCA  
 GAAGCTCTGAGAGACTGATGACAGACACCATAATGAACCAATCTTGCTGTGTCGATTTCTGTGGAGA  
 TCAAGTCTTCTACATGCAGCGATGTCTGAGGATCCCGTCTTACTGAATCTGTCGACGTGTTGATGCC  
 CAATGTTGGTGAAGTTGTTGGGAGGCTCAATGCGTATCTTTGATAGTGAAGAAATACTGGCAGGTTATAAA  
 AGGGAAGGATTGACCCACTCCCTATTACTGGTATACGGATCAGAGAAAATACGGTACATGTCCCATG  
 GAGGATATGGCTTGGCTTGAACGATTCTAACGTGGATTCTGAATAGGTATCACATCCGAGACGTGTG  
 CTTATACCCTCGATTTGTCCAGCGTTGCAGCCA

AGCGGACCGACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
 TGGATTACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC200087 protein sequence  
 Red=Cloning site Green=Tags(s)

MVLAELVYSDREGSDATGDGTKEKPFKTLKALMTVGKEPFPTIYVDSQKENERWNVISKSQLKNIKKMW  
 HREQMKSESREKKEAEDSLRREKNLEEAKKITIKNDPSLPEPKCVKIGALEGYRGQRVKVFGWVHRLRRQ  
 GKNLMFLVLRDGTGYLQCVLADELQCQYNGVLLSTESSVAVYGMLNLTGKQAPGGHELSCDFWELIGL  
 APAGGADNLINEESDQVQLNRRHMMIRGENMSKILKARSMVTRCFRDHFFDRGYEYVTPPTLVQTQVEG  
 GATLFLKLDYFGEAFLTQSSQLYLETCLPALGDVFCIAQSYRAEQSRTRRHLAEYTHVEAECPFLLTFDDL  
 LNRELDLVCDVDRILKSPAGSIVHELNPNFQPPKRPFKRMNYSDAIVWLKEHDVKKEDGTFYEFGEDIP  
 EAPERLMTDTINEPILLCRFPVEIKSFYMQRPCEDSRLTESVDVLMPNVGEIVGGSMRIFDSEELILAGYK  
 REGIDPPTYWYTDQRKYGTCPHGGYGLGLERFLTWILNRYHIRDVCLYPRFVQRCTP

SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_004539

<b>ORF Size:</b>	1644 bp
<b>Buffer:</b>	PBS with 0.001% Pluronic F68
<b>Stability:</b>	AAV is stable for 1 year when stored at -80°C (long-term storage) or 2-3 weeks when stored at -20°C (short-term storage). Thaw the vial of AAV on ice prior to use and keep it on ice during the experiment. Thawed AAV can be stored at 4°C for 1-2 weeks. Whenever possible, particles should be aliquoted into single use portions to avoid repeated freeze/thaw cycles. Please aliquot at least 10ul per tube and use low protein binding tubes to avoid loss of virus.
<b>RefSeq:</b>	<u><a href="#">NM_004539.2</a></u>
<b>RefSeq Size:</b>	2868 bp
<b>RefSeq ORF:</b>	1647 bp
<b>Locus ID:</b>	4677
<b>UniProt ID:</b>	<u><a href="#">O43776</a></u>
<b>Cytogenetics:</b>	18q21.31
<b>MW:</b>	62.9 kDa