

## Product datasheet for **RC224921A1V**

### Human NARF (NM\_001038618) AAV Particle

#### Product data:

|                           |                                                                                |
|---------------------------|--------------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                                  |
| Product Name:             | Human NARF (NM_001038618) AAV Particle                                         |
| Tag:                      | Myc-DDK                                                                        |
| Symbol:                   | NARF                                                                           |
| Synonyms:                 | IOP2                                                                           |
| Mammalian Cell Selection: | None                                                                           |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                                     |
| ORF Nucleotide Sequence:  | >RC224921 representing NM_001038618<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGACTGCAGAGGAAGGAGTCCAACCTTTCCAGCAAAATGCCAAGGACTTCTCCGCTTCTGAACCTTA  
ACAAGAAATGTGATACCTCAAAGCACAAAGTCTGGTAGTGTCTGTGTCTCAATCTTTGCCTATTT  
TGCTGTCAAATCAACCTCAGTGAACCTGATGCATCCAGAAGACTCTGTGGTTTCCTCAAAGTCTTGGG  
GTGCACTATGTATTTGATACGACGATAGCTGCGGATTTTAGTATCCTGGAGAGTCAAAAAGAATTCGTGC  
GTCGCTATCGCCAGCACAGTGAAGGAGAACGCACCTGCCATGCTGACCTCTGCCTGTCTGGCTGGGT  
CCGATACGCCGAGCGGGTGTGGTTCGCCCATCACTGCCACCTCTGCACCGCCAAGTCCCCCAGCAG  
GTCATGGGCTCTTTGGTGAAGGATTATTCGCCAGACAGCAGAACCTGTCTCCAGAGAAGATTTCCACG  
TCATTGTGGCCCTTGTATGACAAGAAGCTGGAGGCTCTTCAGGAAAGCCTTCCCCCTGCTTTGCATGG  
CTCCCGGGGCGCTGACTGCGTGTAAACATCAGGTGAAATTGCTCAAATAATGGAGCAAGGTGACCTCTCA  
GTGAGAGATGCTGCCGTCGACACTCTGTTTGGAGACTTGAAGGAGGACAAAGTGACGCGTCATGATGGAG  
CCAGCTCAGACGGGCACCTGGCACACATCTTCAGACATGCGGCCAAGGAGCTGTTCAACGAGGATGTGGA  
GGAGGTCACTTACCGAGCCCTGAGAAACAAAGACTTCCAAGAGGTCAACCTTGAAGAAGCGAGAGGTG  
GTGTTACGCTTTGCTGCAGCCTATGGCTTTCGAAACATCCAGAACATGATCCTGAAGCTTAAGAAGGGCA  
AGTTCCCATTCACCTTTGTGGAGGTCTCGCCTGTGCTGGAGGATGCTTAAATGGCAGAGGCCAAGCCCA  
GACTCCAGACGGACATGCGGATAAGGCCCTGCTGCGGCAGATGGAAGGCATTTACGCTGACATCCCTGTG  
CGGCGTCCGGAGTCCAGTGCACACGTGCAGGAGCTGTACCAGGAGTGGCTGGAGGGGATCAACTCCCCCA  
AGGCCCGAGAGGTGCTGCATACCACGTACCAGAGCCAGGAGCGTGGCACACACAGCCTGGACATCAAGTG  
G

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC  
TGGATTACAAGGATGACGACGATAAGGTTTAA



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|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC224921 representing NM_001038618</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MTAEEGVQLSQQNAKDFFRVLNLNKKCDTSKHKVLVVSVCPSLPYFAAKFNLSVTDASRRLCGFLKSLG<br/> VHYVFDTTIAADFSILESQKEFVRRYRQHSEERTLPMLTSACPGWVRYAERVLGRPITAHLC TAKSPQQ<br/> VMGSLVKDYFARQQNLSPEKIFHVIVAPCYDKKLEALQESLPPALHGSRGADCVLTSGEIAQIMEQGDLS<br/> VRDAAVDTLFGDLKEDKVTRHDGASSDGH LAHIFRHA AKELFNEDVEEV TYRALRNKDFQEV TLEKNGEV<br/> VLRFAAAYGFRNIQNMILK LKKGKFPFHFVEVLACAGGCLNGR GQAQTPDGHADKALLRQMEGIYADIPV<br/> RRPESSAHVQELYQE WLEGINS PKAREVLHTTYQS QERGT HSLDIKW</p> <p>SGP TRTRRL EQKLISEEDLA ANDILDYKDDDDKV</p> |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ACCN:             | NM_001038618                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| ORF Size:         | 1191 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Buffer:           | PBS with 0.001% Pluronic F68                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Stability:        | 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.                                                                                                                  |
| RefSeq:           | <a href="#">NM_001038618.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| RefSeq Size:      | 1786 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| RefSeq ORF:       | 1194 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| Locus ID:         | 26502                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| UniProt ID:       | <a href="#">Q9UHQ1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Cytogenetics:     | 17q25.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MW:               | 44.5 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |