

## Product datasheet for **RC207568A1V**

### Human RNF41 (NM\_194358) AAV Particle

#### Product data:

|                           |                                                                   |
|---------------------------|-------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                     |
| Product Name:             | Human RNF41 (NM_194358) AAV Particle                              |
| Tag:                      | Myc-DDK                                                           |
| Symbol:                   | RNF41                                                             |
| Synonyms:                 | FLRF; NRDP1; SBB103                                               |
| Mammalian Cell Selection: | None                                                              |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                        |
| ORF Nucleotide Sequence:  | >RC207568 ORF sequence<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGGGTATGATGTAACCCGTTTCCAGGGGGATGTTGACGAAGATCTTATCTGCCCTATTTGCAGTGGAG  
TCTTGGAGGAGCCAGTACAGGCACCTCATTGTGAACATGCTTTCTGCAACGCCTGCATCACCCAGTGGTT  
CTCTCAGCAACAGACATGTCCAGTGGACCGTAGTGTGTGACGGTCGCCCATCTGCGCCAGTACCTCGG  
ATCATGCGGAACATGTTGTCAAAGCTGCAGATTGCCTGTGACAACGCTGTGTTCCGGCTGTAGTGCCGTTG  
TCCGGCTTGACAACCTCATGTCTCACCTCAGCGACTGTGAGCACAACCCGAAGCGGCCTGTGACCTGTGA  
ACAGGGCTGTGGCTGGAGATGCCAAAGATGAGCTGCCAACCATAAAGTGCATTAAGCACCTGCGCTCA  
GTGGTACAGCAGCAGACACGCATCGCAGAGCTGGAGAAGACGTGAGCTGAACACAAACACCGCTGG  
CGGAGCAGAAGCGAGACATCCAGCTGCTAAAGGCATACATGCGTGCAATCCGCAGTGTCAACCCCAACCT  
TCAGAACCTGGAGGAGACAATTGAATACAACGAGATCCTAGAGTGGGTGAAGTCCCTTCAGCCAGCAAGA  
GTGACCCGCTGGGAGGGATGATCTCGACTCCTGATGCTGTGCTCCAGGCTGTAATCAAGCGCTCCCTGG  
TGGAGAGTGGCTGCTGCTTCTATTGTCAACGAGCTGATTGAAAATGCCACGAGCGTAGCTGGCCCCA  
GGGTCTGGCCACACTAGAGACTAGACAGATGAACCGACGCTACTATGAGAACTACGTGGCCAAGCGCATC  
CCTGGCAAGCAGGCTGTTGTCGTGATGGCCTGTGAGAACCAGCACATGGGGGATGACATGGTGCAAGAGC  
CAGGCCTGTCATGATATTTGCGCATGCGTGGAAGAGATA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|-------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Protein Sequence: | <p>&gt;RC207568 protein sequence</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MGYDVTRFQGQDVDEDLICPICSGVLEEPVQAPHCEHAFCNACITQWFSQQQTCPVDRSVVTVAHLRPVPR<br/>IMRNMLSKLQIACDNAVFGCSAVVRLDNLMSHLSDCENPKRPVTCEQGCGLEMPKDELPNHNCIKHLRS<br/>VVQQQQTRIAELEKTSAEHKHQLAEQKRDIQLLKAYMRAIRSVNPNLQNLEETIEYNEILEWVNSLQPAR<br/>VTRWGGMISTPDAVLQAVIKRSLVESGCPASIVNELIENAHERSWPQGLATLETRQMNRRYYENYVAKRI<br/>PGKQAVVVMACENQHMGGDDMVQEPGLVMIFAHGVVEEI</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| Species:          | Human                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Serotype:         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| ACCN:             | NM_194358                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| ORF Size:         | 951 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_194358.1</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| RefSeq Size:      | 5420 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| RefSeq ORF:       | 741 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Locus ID:         | 10193                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| UniProt ID:       | <a href="#">Q9H4P4</a>                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Cytogenetics:     | 12q13.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| MW:               | 35.9 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |