

## Product datasheet for **RR202695A1V**

### Rat Ffar1 (NM\_153304) AAV Particle

#### Product data:

|                           |                                                                             |
|---------------------------|-----------------------------------------------------------------------------|
| Product Type:             | AAV Particles                                                               |
| Product Name:             | Rat Ffar1 (NM_153304) AAV Particle                                          |
| Tag:                      | Myc-DDK                                                                     |
| Symbol:                   | Ffar1                                                                       |
| Synonyms:                 | Gpr40                                                                       |
| Mammalian Cell Selection: | None                                                                        |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)                                                  |
| ORF Nucleotide Sequence:  | >RR202695 representing NM_153304<br>Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGCATCGCC**

ATGGACCTGCCCCACAGCTCTCCTTCGCTCTCTATGTATCAGCCTTTGCACTAGGCTTTCCATTGAACT  
TGTTAGCCATCCGAGGTGCAGTGTCCCACGCGAACTGCGACTCACCCACAGTTGGTCTACACTCTCCA  
TTTGGCCTGCTCTGACCTCCTACTGGCCATCACCTGCCCTGAAGGCTGTGGAGGCCCTGGCTTCTGGG  
GTCTGGCCCCTGCCACTCCCCCTCTGCCAGTCTTTGCCTTGGCCACTTTGCGCCCTCTATGCAGGTG  
GAGGCTTCCTGGCTGCTCTCAGTGTGCGCGCTACCTGGGAGCTGCCTTCCCCTTTGGATACCAAGCCAT  
CCGGAGGCCCTGCTATTCTGGGGTGTGTGTGGCTATATGGGCCCTTGTCTTTGCCACCTGGGACTG  
GCTCTTGGCTTGAGGCTCCCAGAGGCTGGGTGGATAACACCACCACTTCCCTGGGCATCAACATACCCG  
TGAATGGCTCCCCGGTCTGCCTGGAAGCGTGGGATCCTGACTCTGCCCGCCCTGCCGACTCAGTTTCTC  
GATTCTGCTCTTCTTCTGCCCTTGGTTACTGCTTCTGCTATGTGGGCTGCCTCCGGGCCCTGGTG  
CACTCGGGCCTGAGCCACAAACGGAAGCTCAGGCAGCTTGGGTGGCTGGAGGAGCACTTCTCACACTCC  
TGCTCTGCCTGGGGCCCTATAATGCTTCCAATGTGGCTAGTTTCATAAACCCGGACTTAGAAGGCTCCTG  
GAGGAAGTTGGGGCTCATCACAGGAGCCTGGAGTGTGGTGTCAACCCACTGGTCACTGGCTACTTGGGA  
ACAGGTCTGGACAGGGGACAATATGTGTGACCAGGACTCCAAGAGGGACAATTCAGAAGACAGGTCCTG  
GACAGGGGACAATATGTGTGACCAGGACTCCAAGAGGGACAATTCAGAAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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|                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Protein Sequence:</b> | <p>&gt;RR202695 representing NM_153304</p> <p>Red=Cloning site Green=Tags(s)</p> <p>MDLPPQLSFALYVSALGFPLNLLAIRGAVSHAKLRLTPSLVYTLHLACSDLLLAITLPLKAVEALASG<br/> VWPLPLPFCPVFALAHFAPLYAGGGFLAALSAGRYLGAAFPFGYQAIRRPCYSWGVCVAIWALVLCHLGL<br/> ALGLEAPRGWDNTTSSLGINIPVNGSPVCLEAWDPDSARPARLSFSILLFFLPLVITAFICYVGCLRALV<br/> HSGLSHKRKLRAAWVAGGALLTLLCLGPYNASNVASFINPDLEGSWRKLGLITGAWSVVLNPLVTGYLG<br/> TGPQGQTICVTRTPRGTIQKTGPGQGTICVTRTPRGTIQK</p> <p>TRTRPLEQKLISEEDLAANDILDYKDDDDKV</p> |
| <b>Species:</b>          | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Serotype:</b>         | AAV-2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>ACCN:</b>             | NM_153304                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>ORF Size:</b>         | 960 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>NM_153304.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>RefSeq Size:</b>      | 905 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>RefSeq ORF:</b>       | 903 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Locus ID:</b>         | 266607                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>UniProt ID:</b>       | <u>Q8K3T4</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Cytogenetics:</b>     | 1q21                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>MW:</b>               | 31.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |