

## Product datasheet for **RR216771A1V**

### Rat Gcgr (NM\_172091) AAV Particle

#### Product data:

|                           |                                   |
|---------------------------|-----------------------------------|
| Product Type:             | AAV Particles                     |
| Product Name:             | Rat Gcgr (NM_172091) AAV Particle |
| Tag:                      | Myc-DDK                           |
| Symbol:                   | Gcgr                              |
| Synonyms:                 | MGC93090                          |
| Mammalian Cell Selection: | None                              |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)        |



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**ORF Nucleotide Sequence:**

>RR216771 representing NM\_172091  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGCTCCTCACCAGCTCCACTGTCCCTACCTGCTGCTGCTGGTGGTGTGCTGTCATGTCTGCCAAGG  
 CACCCTCTGCCCAGGTAAATGGACTTTTTGTTTGAGAAGTGGAAGCTCTATAGTGACCAGTGCCACCACAA  
 CCTAAGCCTGCTGCCCCACCTACTGAGCTGGTCTGCAACAGAACTTCGACAAGTACTCCTGCTGGCCT  
 GACACCCTCCCAACACCACTGCCAACATTTCTGCCCTGGTACCTACCTTGGTACCACAAAGTGCAGC  
 ACCGCCTAGTGTTCAAGAGGTGTGGCCTGATGGGCAGTGGTTTCGAGGGCCACGGGGCAGTCATGGCG  
 CGACGCCTCCCAATGTCAGATGGATGATGACGAGATCGAGGTCCAGAAGGGGTAGCCAAGATGTATAGC  
 AGCTACCAGGTGATGTACTGTGGCTACAGTCTGTCCCTGGGGCCTTGCTCCTGGCGCTGGTCATCC  
 TGCTGGGCCTCAGGAAGCTGCACTGCACCCGGAACACATCCACGGGAACCTGTTCCGCTCCTTCGTGCT  
 CAAGGCTGGCTCTGTGCTGGTCATTGATTGGCTGCTCAAGACACGCTATAGCCAGAAGATTGGAGATGAC  
 CTCAGTGTGAGCGTCTGGCTCAGTGATGGGGCGGTGGCTGGCTGCAGAGTGGCCACAGTATCATGAGT  
 ACGGCATCATAGCCAACACTACTGCTGGTTGCTGGTGGAGGTGTGTACCTGTACAGCCTGCTGAGCATCAC  
 CACCTTCTCGGAGAAGAGCTTCTTCTCCCTCTATCTGTGCATCGGCTGGGGATCTCCCCTGCTGTTTGTC  
 ATCCCCTGGGTGGTGGTCAAGTGTCTGTTTGAGAATGTCCAGTGTGGACCAGCAATGACAATATGGGAT  
 TCTGGTGGATCCTGCGTATCCCTGTACTCCTGGCCATACTGATCAATTTTTTCATCTTTTGCCGATCAT  
 TCATCTTCTTGCGCAAGCTGCGTGCCATCAGATGCACTATGCTGATTACAAGTTCGGCTAGCCAGG  
 TCCACGCTGACCCTCATTCTCTGCTGGGAGTCCACGAAGTGGTCTTTGCCTTTGTGACTGATGAGCATG  
 CCCAGGCAACCTGCGCTCCACCAAGCTCTTTTTGACCTGTTCTTCAGCTCCTCCAGGCTCTGCTGGT  
 GGCTGTTCTCTACTGTTTCTCAACAAGAGGTGCAGGCAGAGCTACTGCGGCGTTGGAGGCGATGGCAA  
 GAAGGCAAGCTCTTCAGGAGGAAAGGATGGCCAGCAGCATGGCAGCCACATGGCCCCAGCAGGGAATT  
 GTCATGGTGATCCCTGTGAGAACTTCAGCTTATGAGTGCAGGCAGCAGCAGTGGGACTGGCTGTGAGCC  
 CTCTGCGAAGACCTATTGGCCAGTAGTCTCCAAGGCTGGCTGACAGCCCCACC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RR216771 representing NM\_172091  
 Red=Cloning site Green=Tags(s)

MLLTQLHCPYLLLLLVLSCLPKAPSAQVMDLFEKWKLYSDQCHHNSLLPPPTELVCNRTFDKYSCWP  
 DTPNNTANISCPWYLPWYHKVQHRLVFKRCGPDGQWVRGPRGQSWRDASQCQMDDEIEVQKGVAKMYS  
 SYQVMYTVGYSLSLGALLLALVILLGLRKLHCTRNYIHGNLFASFVLKAGSVLVIDWLLKTRYSQKIGDD  
 LSVSVWLSGAVAGCRVATVIMQYGIANYCWLLVEGVLYSLLSITTFSEKSFSLYLCIGWGSPLLFV  
 IPWVVVKCLFENVQCWTSNDNMGFWWILRIPVLLAILINFFIFVRIIHLVAKLRAHQMHYADYKFRRLAR  
 STLTLIPLLGVHEVVFVFTDEHAQGLRSTKLFFDLFFSSFQGLLVAVLYCFLNKEVQAEELLRRWRRWQ  
 EGKALQEERMASHGSHMAPAGTCHGDPCEKLQMSAGSSSGTGCEPSAKTSLASSLPRLADSPT

**TR**TRPLE**QKL**ISEEDLAANDILDYKDDDDKV

**Species:**

Rat

**Serotype:**

AAV-2

**ACCN:**

NM\_172091

**ORF Size:**

1455 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:       | <u>NM_172091.2, NP_742088.1</u>                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| RefSeq Size:  | 1893 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| RefSeq ORF:   | 1458 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Locus ID:     | 24953                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| UniProt ID:   | <u>P30082</u>                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| Cytogenetics: | 10q32.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| MW:           | 55 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |