

## Product datasheet for **RC200021A1V**

### Human GPR89B (NM\_016334) AAV Particle

#### Product data:

|                           |                                       |
|---------------------------|---------------------------------------|
| Product Type:             | AAV Particles                         |
| Product Name:             | Human GPR89B (NM_016334) AAV Particle |
| Tag:                      | Myc-DDK                               |
| Symbol:                   | GPR89B                                |
| Synonyms:                 | GPHR; GPR89; GPR89C; SH120; UNQ192    |
| Mammalian Cell Selection: | None                                  |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)            |



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**ORF Nucleotide Sequence:**

>RC200021 ORF sequence  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGAGTTTCCTCATCGACTCCAGCATCATGATTACCTCCCAGATACTATTTTTGGATTTGGGTGGCTTT  
 TCTTCATGCGCCAATTGTTTAAAGACTATGAGATACGTACGATGTTGTACAGGTGATCTTCTCCGTGAC  
 GTTTGCATTTTCTGCACCATGTTTGTAGCTCATCATCTTTGAAATCTTAGGAGTATTGAATAGCAGCTCC  
 CGTTATTTTCACTGGAAAATGAACCTGTGTGAATTCTGCTGATCCTGGTTTTTCATGGTGCCTTTTACA  
 TTGGCTATTTTATTGTGAGCAATATCCGACTACTGCATAAAACAACGACTGCTTTTTCTGTCTCTTATG  
 GCTGACCTTTATGATTTCTTCTGAAACTAGGAGATCCCTTTCCATTCTCAGCCAAAAACATGGGATC  
 TTATCCATAGAACAGCTCATCAGCCGGTTGGTGTGATTGGAGTGACTCTCATGGCTCTTCTTTCTGGAT  
 TTGGTGTGTCAACTGCCATACACTTACATGTCTTACTTCTCAGGAATGTGACTGACACGGATATTCT  
 AGCCCTGGAACGGCGACTGCTGCAAACCATGGATATGATCATAAGCAAAAAGAAAAGGATGGCAATGGCA  
 CGGAGAACAAATGTTCCAGAAGGGGGAAGTGCATAACAAACCATCAGGTTTCTGGGAATGATAAAAAGTG  
 TTACCCTTCAGCATCAGGAAGTAAAACTTACTCTTATTCAACAGGAAGTGGATGCTTTGGAAGAATT  
 AAGCAGGCAGCTTTTTCTGAAACAGCTGATCTATATGCTACCAAGGAGAGAATAGAATACTCCAAAACC  
 TTCAAGGGGAAATATTTAAATTTCTTGGTTACTTTTTCTTATTTACTGTGTTTGGAAAATTTTCATGG  
 CTACCATCAATATTGTTTTGATCGAGTTGGGAAAACGGATCCTGTCAACAAGAGGCATTGAGATCACTGT  
 GAATTAATCTGGGAATCCAATTTGATGTGAAGTTTGGTCCCAACATTTCTTCATTCTTGTGGAATA  
 ATCATCGTCACATCCATCAGAGGATTGCTGATCACTCTACCAAGTCTTTTATGCCATCTCTAGCAGTA  
 AGTCCCAATGTCATTGTCTGCTATTAGCACAGATAATGGGCATGTACTTTGTCTCCTGTGTGCTGT  
 GATCCGAATGAGTATGCCTTTAGAATACCGCACCAATAACTGAAATCCTTGGAGAAGTGCAGTTCAAC  
 TTCTATCACCGTTGGTTTGTGATCTTCTGGTCAGCGCTCTCTCTAGCATACTCTTCTCTATTTGG  
 CTCACAAAACAGGCACCAGAGAAGCAAATGGCACCT

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC200021 protein sequence  
 Red=Cloning site Green=Tags(s)

MSFLIDSSIMITSQILFFFGFWLFFMRQLFKDYEIRQYVVQVIFSVTFASFCTMFELIIFEILGVLNSSS  
 RYFHWKMNLCVILLILVFMVPFYIGYFIVSNIRLLHKQRLLFSCLLWTFMYFFWKLGDPPILSPKHGI  
 LSIEQLISRVGIVGVTLMALLSGFGAVNCPYTYMSYFLRNVTDDILALERRLLQTMDMIISKKRMAMA  
 RRTMFQKGEVHNKPSGFWMIKSVTTSASGSENLTLIQQEVDALEELSRQLFLETADLYATKERIEYSKT  
 FKGYFNFLGYFFSIYCVWIKIFMATINIVFDRVGKTDVPVTRGIEITVNYLGIQFDVKFWSQHISFILVGI  
 IIVTSIRGLLITLTKFFYAISSKSSNVIVLLLAQIMGMFYVSSVLLIRMSMPLEYRTIITEVLGELQFN  
 FYHRWFDVIFLVSALSSILFLYLAHKQAPEKQMAP

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Species:**

Human

**Serotype:**

AAV-2

**ACCN:**

NM\_016334

**ORF Size:**

1365 bp

**Buffer:**

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_016334.2</u>  |
| <b>RefSeq Size:</b>  | 2150 bp   |
| <b>RefSeq ORF:</b>   | 1368 bp   |
| <b>Locus ID:</b>     | 51463   |
| <b>UniProt ID:</b>   | <u>B7ZQA6</u>   |
| <b>Cytogenetics:</b> | 1q21.2  |
| <b>MW:</b>           | 52.9 kDa  |