

## Product datasheet for **RC208195A1V**

### Human GJA9 (NM\_030772) AAV Particle

#### Product data:

|                           |                                     |
|---------------------------|-------------------------------------|
| Product Type:             | AAV Particles                       |
| Product Name:             | Human GJA9 (NM_030772) AAV Particle |
| Tag:                      | Myc-DDK                             |
| Symbol:                   | GJA9                                |
| Synonyms:                 | CX58; CX59; GJA10                   |
| Mammalian Cell Selection: | None                                |
| Vector:                   | pAAV-AC-Myc-DDK (PS100089)          |



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## ORF Nucleotide Sequence:

>RC208195 representing NM\_030772  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCCCGCATCGCC

ATGGGGGACTGGAATCTCCTTGGAGATACTCTGGAGGAAGTTCACATCCACTCCACCATGATTGGAAGA  
 TCTGGCTCACCATCCTGTTTCATATTTTCAATGCTTGTTCTGGGTGTAGCAGCTGAAGATGCTGGAATGA  
 TGAGCAGTCTGGCTTCATCTGCAATACAGAACAACAGGCTGCAGAAATGTATGTACGACCAGGCCTTT  
 CCTATCTCCCTCATTAGATACTGGGTTCTGCAGGTGATATTTGTGTCTTCACCATCCCTGGTCTACATGG  
 GCCATGCATTGTACCGACTGAGAGTTCTTGAGGAAGAGAGGCAAGGATGAAAGCTCAGTTAAGAGTAGA  
 ACTGGAGGAGGTAGAGTTTAAATGCCTAGGGATCGGAGGAGATTGGAGCAAGAGCTTTGTGAGTGGAG  
 AAAAGGAACTAAATAAGCTCCACTCAGAGGAACCTTGCTTTGCACTTATGTGATACACATTTTCACTC  
 GCTCTGTGGTTGAAGTTGGATTGATGTTGGACAGTACCTTTTATATGGATTTCACTTAGAGCCGCTATT  
 TAAGTGCCATGGCCACCGTGTCCAAATATAATCGACTGTTTTGTCTCAAGACCAACAGAAAAGACAATA  
 TTCCTATTATTTATGCAATCTATAGCCACTATTTCACTTTTCTTAAACATTCTTGAAATTTTCCACCTAG  
 GTTTTAAAAAGATTAAAAAGAGGGCTTTGGGGAAAAATACAAGTTGAAGAAGGAACATAATGAATCCATGC  
 AAACAAGGCAAAACAAAATGTAGCCAAATACCAGAGCACATCTGCAAAATCACTGAAGCGACTCCCTTCT  
 GCCCTGATTATAATCTGTTAGTGGAAGCAACACACACTGCAGTGTACCCTAGTTTAAATTCATCCT  
 CTGTATTCAGCCAAATCCTGACAATCATAGTGTAATGATGAGAAATGCATTTTGGATGAACAGGAAAC  
 TGTACTTTCTAATGAGATTTCCACACTTAGTACTAGTTGTAGTCATTTTCAACACATCAGTTCAAACAAT  
 AACAAAGACACTCATAAAATATTTGAAAAGAACTTAATGGTAACCAAGTTAATGGAAAAAGAGAACTG  
 AAGGCAAGACAGCAAAAGGAACTACTACTAGAGGTCACCGTTCTATTCCAGGTGTTGCTATAGATGG  
 AGAGAACAACATGAGGCAGTCACCCCAACAGTTTTCTCCTTGCCAGCTAACTGCGATTGGAAACCGCGG  
 TGGCTTAGAGCTACATGGGGTCTCTACAGAACATGAAAACCGGGGGTCACTCCTAAAGGTAACCTCA  
 AGGGCCAGTTCAGAAAGGACAGTCAGAACCTTCTCCTTCAAGGAGATTCTCAATCACTTGACAT  
 TCCAAACACTGCTGATTCTTTGGGAGGGCTGTCTTTGAGCCAGGGTTGGTCAGAACCTGTAATAATCCT  
 GTTTGTCTCCAAATCACGTAGTGTCCCTAACGAACAATCTATTGGTAGGCGGGTCCACAGATCTTC  
 AGATC

ACGCGTACGCGGCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

## Protein Sequence:

>RC208195 representing NM\_030772  
 Red=Cloning site Green=Tags(s)

MGDWNLLGDTLEEVHIHSTMIGKIWL TILFIFRMLVLGVAAEDVWNDEQSGFICNTEQPGCRNVCYDQAF  
 PISLIRYWVLQVIFVSSPSLVYMGHALYRLRVLEEEERQRMKAQLRVELEEFEMPRDRRRLQELCQLE  
 KRKLNKAPLRGTLCTYVIHIFTRSVVEVGMIGQYLLYGFHLEPLFKCHGHPCPNIIDCFVSRPTEKTI  
 FLLFMQSIATISLFLNILEIFHLGFKKIKRGLWGKYKLKEHNEFHANKAKQNVAKYQSTSANSKRLPS  
 APDYNLLVEKQHTAVYPSLNSSSVFQPNPDNHSVNDEKCILDEQETVLSNEISTLSTSCSHFQHISNN  
 NKDTHKIFGKELNGNQLMEKRETEGKDSKRNYYSRGHRSIPGVAIDGENNMRQSPQTVFSLPANCDWKPR  
 WLRATWGSSTEHNRSPPKGNLKGQFRKGTVRTLPSPQGSQSLDIPNTADSLGGLSFEPGLVRTCNNP  
 VCPNHHVSLTNNLIGRRVPTDLQI

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Species:

Human

Serotype:

AAV-2

ACCN:

NM\_030772

ORF Size:

1545 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><a href="#">NM_030772.3</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>RefSeq Size:</b>  | 2331 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>RefSeq ORF:</b>   | 1548 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Locus ID:</b>     | 81025                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>UniProt ID:</b>   | <u><a href="#">P57773</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Cytogenetics:</b> | 1p34.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>MW:</b>           | 58.7 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |