

## Product datasheet for **MR229808A1V**

### Mouse Kcnj16 (NM\_001252208) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Mouse Kcnj16 (NM\_001252208) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** Kcnj16  
**Synonyms:** 6430410F18Rik; A1132396; Kir5.1  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >MR229808 representing NM\_001252208  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCCCGCATCGCC

ATGAGCTATTACGGAAGTAGCTACAGGATCGTCAATGTGGACTCCAAATATCCAGGCTATCCTCCAGAGC  
 ATGCCATCGCTGAGAAGAGAAGAGCAAGAAGGCCGCTTGCTCCACAAGATGGCAGCTGTAATGTGTACTT  
 TAAACACATTTTGGAGAATGGGGGAGCTACATGGTTGATATTTTACCACTCTGTGGATACCAAGTGG  
 CGCCATATGTTTCGTAATATTTTCTGTCTTACATTCTCTCTGGTTGATATTTGGCTCCATATTTTGGC  
 TCATAGCCTTTCATCAGGAGACCTATTAAGCGATCCAGATATCACCCCTTGTTGACACAGTGCATTC  
 ATTTACGGCTGCATTTTATTCTCCCTGGAGACCCAGACCATTGGATACGGTTACCGCTGTGTCCACC  
 GAAGAGTGCTCTGTGGCTGACTGACAGTGATCCTTCAGTCCATCCTCAGCTGCATCATAAACACCTTCA  
 TCATTGGAGCAGCCTTGCAAGATGGCAACTGCCCGAAGAGAGCCAGACCATACGCTTCAGCTATTT  
 TGCCCTCATTGGTATGAGAGACGGGAAGCTTGCCTCATGTGGCGCATAGGTGACTTCCGACCAACCAT  
 GTGGTAGAGGGCACGGTGAGAGCCAACTTCTGCGCTATTCAGAAGACAGTGAAGGGAGGATGACGATGG  
 CGTTTAAAGACCTCAAACCTCGTCAATGACCAGATAATCCTGGTAACTCCAGTGACTATTGTCCATGAAAT  
 TGACCATGAGAGCCCTCTGTATGCCCTTGACCGCAAGGACAGTGGCCAAAGATAATTCGAGATTCTGGT  
 ACATTTATTTATACTGGTGATTCCACTGGGACATCCCACCAGTCCAGAAGTTCCTACATCCCAGAGAAA  
 TTCTCTGGGGCCACAGGTTTCATGATGTATTGGAAGTGAAGAGAAAGTACTACAAGGTGAACTGCTTGCA  
 GTTTGAAGGAAGCGTGAAGTCTACGCCCTTTTGCAGTGCCAAACAACCTGGACTGGAAGGACCAACAA  
 CTCAACAACCTTGAGAAAACGTCCCCTGCCCGAGGATCCTGCAATTCTGACACCAACACCAGGAGCGGT  
 CCTTCAGCGCAGTTGCCGTGGTGAAGAGCTGTGAGAACCAGAGGAGACCGTCTGTCCCAAGATGA  
 ATGTAAGGAGATGCCCTATCAGAAAGCCCTCCTGACTTTAAATAGGATCTCCATGGAATCCCAGATG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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|--------------------------|--|
| <b>Protein Sequence:</b> | >MR229808 representing NM_001252208<br>Red=Cloning site Green=Tags(s)<br><br>MSYYGSSYRIVNVDSKYPGYPPEHAIAEKRRARRRLLHKDGCNYYFKHIFGEWGSYMDIFFTLLVDTKW<br>RHMVFVIFSLSYILSWLIFGSIFWLI AFHHGDLSDPDI TPCVDNVHSFTA AFLFSLETQTTIGYGYRCVT<br>EECSVAVLTVILQSILSCIINTFIIGAALAKMATARKRAQTIRFSYFALIGMRDGKLC LMWRIGDFRPNH<br>VVEGTVRAQLLRYS EDEGRMTMAFKDLKLVNDQIILVTPVTIVHEIDHESPLYALDRKAVAKDNFEILV<br>TFIYTG DSTGTS HQSRSSYIPREILWGH RFHDVLEVKRKYKVNCLQFEGSVEVYAPFCSAKQLDWKDQQ<br>LNNLEKTSPARGSCNSDNTNRRRSFSAVAVVSSCENPEETVLS PQDECKEMPYQKALLTLNRISMESQM<br><br>TRTRPLEQKLI SEEDLAANDILDYKDDDDKV |
| <b>Species:</b>          | Mouse  |
| <b>Serotype:</b>         | AAV-2  |
| <b>ACCN:</b>             | NM_001252208   |
| <b>ORF Size:</b>         | 1257 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_001252208.1</a></u> , <u><a href="#">NP_001239137.1</a></u>  |
| <b>RefSeq Size:</b>      | 3695 bp  |
| <b>RefSeq ORF:</b>       | 1260 bp  |
| <b>Locus ID:</b>         | 16517  |
| <b>UniProt ID:</b>       | <u><a href="#">Q9Z307</a></u>  |
| <b>Cytogenetics:</b>     | 11 75.01 cM  |
| <b>MW:</b>               | 48 kDa   |