

Product datasheet for **MR226304A1V**

Mouse Kcnk18 (NM_207261) AAV Particle

Product data:

Product Type: AAV Particles
Product Name: Mouse Kcnk18 (NM_207261) AAV Particle
Tag: Myc-DDK
Symbol: Kcnk18
Synonyms: Gm781; Tresk; Tresk-2; Trik
Mammalian Cell Selection: None
Vector: pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence: >MR226304 representing NM_207261
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGAGGCTGAGGAGCCACCTGAGGCCAGGAGATGCTGTCCCAGGCCCTGGGAAGGCCAGGGGATGCT
GCCCCGAAGCCCTGGGCAAGCTTCTGCCGGCTCTGCTTCTTTGCTGCCTGGTGACCTATGCGCTGGT
GGGTGCTGCTCTTCTCCGCTGTCGAGGGCCGCCCTGACCCAGAAGCAGAGGAGAACCCTGAGTTGAAG
AAGTTCCTGGACGATCTGTGCAACATCTGAAATGTAACCTGACAGTGGTTGAAGGTAGCAGGAAGA
TGTGTGAGCATCTGCAACACCTCAAGCCCCAGTGGCTCAAGGCCCCAGGACTGGTCCCTTCTGAGCGC
TCTCTTCTTGCTGCACAGTGTTCAGCACAGTGGGTTATGGCCACATGTACCCTGTACCAGGCTCGGT
AAGTTCCTGTGCATGCTGTATGCGCTCTTTGGAATCCCTCTAATGTTCTGCTCCTCACAGACATAGGAG
ATATCCTGGCCACCATCTTATCCAGGGCTTACAGTCCGTTCCAGGCTCTCCTTTGCCTCCCCACGATAT
CTTCAAATGGCGCTCCCTCCCGCTCTGCCGGAAGCAGCCTGACAGCAAACCGGTGGAGGAAGCCATCCCT
CAGATTGTCATTGATGCTGGTGTGGATGAACCTCTAAACCCGAGCCAGCAAGGACCCCCCTCTCCGA
GCTGCAATGTGGAGCTGTTTGGAGATTAGTTGCCCGTGAAGAAAAGAACAAGCTACAACCACCCACGGC
TCCCGTGGAGAGGAGCAACTCCTGTCCCGAGCTGGTGTGGGGCGACTGTCTGTTCTATTCTCAGCAAT
CTGGATGAAGTGGCCAGCAGGTGGAGAGGCTGGACATCCCTCTCCCCGTCATCGCCCTGGTCTGCTTTG
CATACATCTCCTGCGCGCTGCTATCCTCCCCTCTGGGAGACCGAGCTAGGCTTCGAGGATGCTTTCTA
CTTCTGCTTTGTGACACTGACCACCATCGGGTTTGGGGACATCGTGTGGTGCACCCCTATTTCTTCCCT
TTCTTCTCCATCTACATCATCGTGGCATGGAGATCCTGTTTCATTGCCTTCAAGCTGATGCAAGACCGGC
TCCTGCACACCTACAAAACCTCATGCTGTTTGTGGCAAAGGGAAGTTTCGCTACCTTGG

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR226304 representing NM_207261
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MEAEEPPEARRCCPEALGKARGCCPEALGKLLPGLCFLCCLVTYALVGAALFSAVEGRPDPEAEENPELK
 KFLDDL CNILKCNLTVVEGSRKNLCEHLQHLKPQWLKAPQDWSFLSALFFCCTVFSTVGYGHMYPVTRLG
 KFLCMLYALFGIPLMFLVLTDIGDILATILSRAYSRFQALLCLPHDIFKWRSLPLCRKQPDSKPVEEAIP
 QIVIDAGVDELLNPQPSKDPPSPSCNVELFERLVAREKKNKLQPPTRPVERSNSCELVLRGLSCSILSN
 LDEVGQQVERLDIPLPVIALVVFAYISCAAAIILPFWETELGFEDAFYFCFVTLTTIGFGDIVLVHPHFFL
 FFSIYIIVGMEILFIAFKLMQNRLHLYKTLMLFVCQREVSLPW

SGPTRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Species: Mouse

Serotype: AAV-2

ACCN: NM_207261

ORF Size: 1182 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: [NM_207261.3](#), [NP_997144.1](#)

RefSeq Size: 3032 bp

RefSeq ORF: 1185 bp

Locus ID: 332396

UniProt ID: [Q6VV64](#)

Cytogenetics: 19 D3

MW: 44.9 kDa