

Product datasheet for **MR206777A1V**

Mouse Kcnn4 (NM_008433) AAV Particle

Product data:

Product Type:	AAV Particles
Product Name:	Mouse Kcnn4 (NM_008433) AAV Particle
Tag:	Myc-DDK
Symbol:	Kcnn4
Synonyms:	IK1; IKCA1; KCa3.1; KCA4; mIKCa1; SK4; SKCas
Mammalian Cell Selection:	None
Vector:	pAAV-AC-Myc-DDK (PS100089)
ORF Nucleotide Sequence:	>MR206777 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGCGGGGAGCTGGTGAAGCTGGCTGGGGGCCCTGAGACGGAGAAAGCGCTGCTGGAGCAGGAGAAGA
GGGTGGCCGGCTGGGCGTTGGTGTCTGGCGGAACTGGCATCGGACTCATGGTTCTGCACGCTGAGATGTT
GTGGTTCTGGGCTGCAAGTGGGTGCTGTACCTGCTCCTGGTTAAGTGTGATCACCCTGTCCACTGCC
TTCTCTCTTTGTCTTATTGTGGTCTTCCATGCCAAGGAGGTCCAGCTGTTCACTGACTGACAACGGGCTCC
GGGACTGGCGCTGGCGCTGACCCGGCGGCGAGTGGCGCAGATCCTGCTGGAGCTGTTGGTGTGCGGGGT
GCACCCGGTGCCCTACGGAGCCCGCACTGCGCCCTGGCGGGGAGGCCACCGACGCGCAGCCCTGGCCG
GGTTTCTGGGCGAAGGCGAGGCGTGTGTCCCTGGCCATGCTCCTGCGTCTCTACCTGGTGCCCCGCG
CGGTGCTGCTGCGCAGCGGGTCTGCTCAACGCGTCTACCGCAGCATCGGGGCGCTCAACCAAGTCCG
CTTCGCCCACTGGTTCGTGGCCAAGCTGTACATGAACACGACCCGGGTGCGCTGCTGCTGGGCTCACG
CTGGGTCTCTGGCTCACCACAGCTTGGGTGCTGTCTGTGGCTGAGAGGCGAGGTGTCAATGCCACGGGGC
ACCTCACAGACACACTGTGGCTGATTCCGATCACATTCCTGACCATTGGCTATGGGGACGTGGTACCTGG
CACCATGTGGGCAAGATTGTCTGCTGTGACCGGAGTCATGGGGTCTGCTGCACAGCTCTCTGGTG
GCTGTGGTGGCTCGGAAGCTGGAGTTCAACAAGCGGAGAAACACGTGCACAACCTTCATGATGGACATCC
ATTATGCCAAAGAGATGAAGGAGTCAGCGGCGCGGCTGCTGCAGGAAGCCTGGATGTACTACAAGCACAC
TCGAAGGAAGGACTCCCGGGCTGCCCGCAGACATCAGCGCAAGATGTGGCCGCCATCCACACGTTCCGC
CAGGTACGGCTGAAACACCGGAAGCTCCGGGAACAAGTGAATTCATGGTGGACATCTCCAAGATGCACA
TGATCCTGTGCGACCTGCAGCTGGGTCTCAGCTCCTCGCACCGTGCCCTGGAGAAGAGAAATCGACGGTCT
GGCAGGAAAGCTGGATGCCCTGACAGAGCTGCTCGGCACTGCCCTGCAGCAACAGCAGCTACCAGAACCC
AGCCAGGAGGCCACA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCC
TGGATTACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence:	>MR206777 protein sequence Red=Cloning site Green=Tags(s) MGGELVTGLGALRRRKRLLEQEKRVAAGWALVLAGTGIGLMVLHAEMLWFLGCKWVLYLLLVKCLITLSTA FLLCLIVVFHAKEVQLFMTDNGLRDWRVALTRRQVAQILLELLVCGVHPVPLRSPHCALAGEATDAQPWP GFLGEGEALLSLAMLLRLYLVPRAVLLRSGVLLNASYRSIGALNQVRFHWVAKLYMNTHPGRLLGLT LGLWLTAWVLSVAERQAVNATGHLDTLWLIPITFLTIGYGDVVPGMTMWGKIVCLCTGVMGVCCTALLV AVVARKLEFNKAEKHVHNFMDIHYAKEMKESAAARLLQEAWMYKHTRRKDSRAARRHQKMLAAIHTFR QVRLKHKRLREQVNSMVDISKMHMILCDLQLGLSSSHRALEKRIDGLAGKLDALTELLGTALQQQLPEP SQEAT SGPTRTRPLEQKLISEEDLAANDILDYKDDDDKV
Species:	Mouse
Serotype:	AAV-2
ACCN:	NM_008433
ORF Size:	1275 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_008433.2</u> , <u>NP_032459.2</u>
RefSeq Size:	1956 bp
RefSeq ORF:	1278 bp
Locus ID:	16534
UniProt ID:	<u>O89109</u>
Cytogenetics:	7 A3
MW:	47.8 kDa