

## Product datasheet for RC236786A1V

### Human KCNMB2 (NM\_001278911) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human KCNMB2 (NM\_001278911) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** KCNMB2  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC236786 representing NM\_001278911  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGTTTATATGGACCAGTGGCCGACCTCTTCATCTTATAGACATGATGAAAAAAGAAATATTTACCAGA  
 AAATCAGGGACCATGACCTCCTGGACAAAAGGAAAACAGTCACAGCACTGAAGGCAGGAGAGACCAGC  
 TATTCTCCTGGGACTGGCTATGATGGTGTGCTCCATCATGATGATTTTCTGCTGGGAATCACACTCCTG  
 CGTCCATACATGCAGAGCGTGTGGACCGAAGAGTCTCAATGCACCTTGCTGAATGCGTCCATCACGGAAA  
 CATTAAATTGCTCCTCAGCTGTGGTCCAGACTGCTGGAACTTCTCAGTACCCCTGCCTCCAGGTGTA  
 CGTTAACTGACTTCTTCGGGGAAAAGCTCCTCCTACCACACAGAAGAGACAATAAAAATCAATCAG  
 AAGTGCTCCTATATACCTAAATGTGAAAAAATTTGAAGAATCCATGTCCTCGGTGAATGTTGTCATGG  
 AAAACTTCAGGAAGTATCAACACTTCTCCTGCTATTCTGACCCAGAAGGAAACCAGAAGAGTGTATCCT  
 AACAAACTCTACAGTCCAACGTGCTGTTCCATTCACTCTTCTGGCCAACCTGTATGATGGCTGGGGT  
 GTGGCAATTGTTGCCATGGTAAACTTACACAGTACCTCTCCCTACTATGTGAGAGGATCCAACGGATCA  
 ATAGA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC236786 representing NM\_001278911  
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MFIIWTSGRSSSYRHDEKRNIYQKIRDHDLDDKRVTKALKAGEDRAILLGLAMMVCSIMMYFLLGITLL  
 RSYMQSVWTEESQCTLLNASITETFNCSFSCGPDCWKLQYPCQYVYVNLTSSEKLLL YHTEETIKINQ  
 KCSYIPKCGKNFEESMSLVNVVMENFRKYQHFSCYSDPEGNQKSVILTKLYSSNVLFHSLFWPTCMMAGG  
 VAIVAMVKLTYLSLLCERIQRINR

**TR**TRPLEQKLI SEEDLAANDILDYKDDDDKV



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<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_001278911
<b>ORF Size:</b>	705 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_001278911.1</a></u> , <u><a href="#">NP_001265840.1</a></u>
<b>RefSeq Size:</b>	2569 bp
<b>RefSeq ORF:</b>	708 bp
<b>Locus ID:</b>	10242
<b>UniProt ID:</b>	<u><a href="#">Q9Y691</a></u>
<b>Cytogenetics:</b>	3q26.32
<b>MW:</b>	27.1 kDa