

## Product datasheet for **RC203761A1V**

### Human VPAC2 (VIPR2) (NM\_003382) AAV Particle

#### Product data:

**Product Type:** AAV Particles  
**Product Name:** Human VPAC2 (VIPR2) (NM\_003382) AAV Particle  
**Tag:** Myc-DDK  
**Symbol:** VPAC2  
**Synonyms:** C16DUPq36.3; DUP7q36.3; PACAP-R-3; PACAP-R3; VIP-R-2; VPAC2; VPAC2R; VPCAP2R  
**Mammalian Cell Selection:** None  
**Vector:** pAAV-AC-Myc-DDK (PS100089)  
**ORF Nucleotide Sequence:** >RC203761 ORF sequence  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGCGGACGCTGCTGCCTCCCGCGCTGCTGACCTGCTGGCTGCTCGCCCCGTGAACAGCATTACCCAG  
AATGCCGATTTTCATCTGGAAATACAGGAGGAAGAAACAAAATGTGCAGAGCTTCTGAGGTCTCAAACAGA  
AAAACACAAAGCCTGCAGTGGCGTCTGGGACAACATCACGTGCTGGCGCCTGCCAATGTGGGAGAGACC  
GTCACGGTGCCCTGCCAAAAGTCTTCAGCAATTTTACAGCAAAAGCAGGAAACATAAGCAAAAATGTA  
CGAGTGACGGATGGTCAGAGACGTTCCAGATTCGTCGATGCCTGTGGCTACAGCGACCCGGAGGATGA  
GAGCAAGATCAGTTTTATATTCTGGTGAAGGCCATTTATACCTGGGCTACAGTGTCTCTGTGTCT  
CTTGCAACAGGAAGCATAAATTCTGTGCCTTTCAGGAAGCTGCACTGCACCAGGAATTACATCCACCTGA  
ACCTGTTCTGTCTTTCATCCTGAGAGCCATCTCAGTGTGGTCAAGGACGACGTTCTCTACTCCAGCTC  
TGGCACGTTGCACTGCCCTGACCAGCCATCCTCCTGGTGGGCTGCAAGCTGAGCCTGGTCTTCTGCAG  
TACTGCATCATGGCCAACTTCTTCTGGCTGCTGGTGGAGGGGCTACCTCCACACCCCTCCTGGTGGCCA  
TGCTCCCCCTAGAAGGTGCTTCTTGGCTACCTCCTGATCGGATGGGGCCTCCCACCGCTGCATCGG  
TGCATGGACTGCGCCAGGCTCTACTTAGAAGACACCGGTTGCTGGGATACAAACGACCACAGTGTGCC  
TGGTGGGTCATACGAATACCGATTTTAAATTTCCATCATCGTCAATTTTGTCTTTTCATTAGTATTATAC  
GAATTTTGTCTGCAAGAAGTAAACATCCCCAGATGTCGGCGCAACGACCAGTCTCAGTACAAGAGGCTGGC  
CAAGTCCACGCTCCTGCTTATCCCGCTGTTCCGGCTCCACTACATGGTGTGGCCGTGTTTCCCATCAGC  
ATCTCCTCCAAATACCAGATACTGTTTGAGCTGTGCCTCGGGTGGTCCAGGGCCTGGTGGTGGCCGTCC  
TCTACTGTTTCTGAACAGTGAGGTGCAGTGCAGCTGAAGCGAAAATGGCGAAGCCGGTGGCCGACCC  
GTCCGCGAGCCGGGATTACAGGGTCTGCGGTTCTCCTTCTCCCGCAACGGCTCGGAGGGCGCCCTGCAG  
TTCCACCGCGGCTCCCGCGCCAGTCTTCTGCAACGGAGACCTCGGTATC

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



<b>Protein Sequence:</b>	>RC203761 protein sequence Red=Cloning site Green=Tags(s)  MRTLLPPALLTCWLLAPVNSIHPECRFHLEIQEEETKCAELLRSQTEKHKACSGVWDNITCWRPANVGET VTVPCPKVFSNFYSKAGNISKNCTSDGWSETFPDFVDACGYSDPEDESKITFYILVKAIYTLGYSVLSMS LATGSIILCLFRKLHCTRNYIHLNLFSLFILRAISVLVKDDVL YSSSGLHCPDQPSWVGCKLSLVFLQ YCI MANFFWLLVEGLYLHTLLVAMPLPPRRCF LAYLLIGWGLPTVCIGAWTAARLYLEDTGCWDTNDHSVP WWVIRIPILISIIIVNFVLFISIIIRILLQKLTSPDVGGNDQSQYKRLAKSTLLL IPLFGVHYMVFAVFPIS ISSKYQILFELCLGSFQGLVVAVLYCFLNSEVQCCELKRKWR SRCPTPSASRDYRVCSSFSRNGSEGALQ FHRGSRAQSFLQTETSVI  TRTRPLEQKLI SEEDLAANDILDYKDDDDKV
<b>Species:</b>	Human
<b>Serotype:</b>	AAV-2
<b>ACCN:</b>	NM_003382
<b>ORF Size:</b>	1314 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>	<a href="#">NM_003382.3</a>
<b>RefSeq Size:</b>	3961 bp
<b>RefSeq ORF:</b>	1317 bp
<b>Locus ID:</b>	7434
<b>UniProt ID:</b>	<a href="#">P41587</a>
<b>Cytogenetics:</b>	7q36.3
<b>MW:</b>	49.5 kDa