

Product datasheet for **RN203977**

Avpr1b (NM_017205) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Avpr1b (NM_017205) Rat Untagged Clone
Tag: Tag Free
Symbol: Avpr1b
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN203977 representing NM_017205
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAATCTGAGCCTTCTGGACTGCCACCCCTCCCCTGGGGCACCCTGCCTGTCCCAATGCTACCA
CACCGTGGCTAGGTAGGGATGAAGAGCTAGCCAAGGTGGAGATCGGTATCCTAGCTACTGTCTGGTTCT
GGCCACAGGAGGCAACCTGGCTGTACTTCTGACTCTGGCCGCCATGGCCACAAGCGCTCCCGCATGCAT
CTGTTCTGTGCTGCACTTGCCCTGACCGACCTGGGCGTGGCGCTTTCCAGGTAAGTCTGCTCAGCTGCTCT
GGGACATCACCTACCGCTTCCAGGGCTCTGACCTCCTCTGCCGGGCTGTCAAGTATCTACAGGTGCTCAG
CATGTTTGCTTCCACTTACATGCTGCTGGCCATGACACTGGACCGGTACCTGGCTGTCTGTACCCTCTT
CGAAGCCTCCGGCAGCCAGCCAGTCTACCTACCCTCTCATTGCTGCTCCCTGGTTGCTGGCTGCCATCC
TCAGCCTCCCTCAAGTTTTTCAATTTTTTTCATTGCGAGAGGTGATCCAGGGCTCAGGGGTGCTGGACTGCTG
GGCAGATTTCTACTTTTCTGGGCCCCGGGCCCTACATCACCTGGACCACCATGGCTATCTTTGTGCTG
CCGGTGGCGGTGCTCACAGCTTGCTACGGCCTCATCTGCCACGAGATCTACAAGAACCTGAAAGTCAAGA
CCCAGGCTGGCAGGGAGGAGAGGGGCTGGCGGACTTGGGATAAGTCCTCATCTCTGCAGCCACGAG
GGGCTACCTTCCCGGTTCAGCAGCATCAGTACCATCTCCAGGGCAAAGATCCGAACCGTGAAGATGACC
TTTGTCATCGTGCTGGCCTACATTGCTTGGTGGCACCTTTCTTCAAGTGTCCAGATGTGGTCTGTGTGGG
ATGAGAATGCCCCAATGAAGATTCTACCAATGTGGCTTTACCATCTCCATGCTTCTGGGCAACCTCAG
CAGCTGTGCAACCCCTGGATCTACATGGGCTTCAACAGTCGCTGTTGCCACGTTCTTGGCCACCAT
GCCTGTGACAGGGCTCTAAGCCCAAGTGCACAGGCAACTCTCCACCAGCAGCCTCACTAGCCGTGCGA
CTACGCTGCTGACCCATGCCTGTGGTCCCCTACTCTCCGACTCAGCCTTAACCTCAGCCTCCGTGCAAA
GCCAGACCTGCAGGCTCACTGAAGGATTTAGAGCAGGTGGACGGGGAAGCCACTATGGAGACCAGCATC
TTTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_017205
Insert Size:	1266 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_017205.3 , NP_058901.3
RefSeq Size:	2664 bp
RefSeq ORF:	1266 bp
Locus ID:	29462
Cytogenetics:	13q13
Gene Summary:	may play a role in the regulation of cerebrospinal fluid water content [RGD, Feb 2006]