

Product datasheet for **RN207207**

Avpr2 (NM_019136) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Avpr2 (NM_019136) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Avpr2
 Mammalian Cell Selection: Neomycin
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Fully Sequenced ORF: >RN207207 representing NM_019136
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGCTCCTGGTGTCTACCGTGTCCGCTGTGCCTGGGCTCTTTTACCCCCCTAGCTCTCCAGCAACAGCA
 GCCAGGAGGAAGTACTGGATGACCGAGACCCGCTGCTAGTCCGGGCTGAAGTGGCCCTGCTATCTACAAT
 TTTTGTGGCTGTGGCCTTGAGCAATGGCCTAGTGTCTGGGGCCCTAATACGGCGGGGCGGGCGTGGACGC
 TGGGCACCCATGCATGTCTTCATCAGTCATTTGTGCCTGGCTGACCTGGCTGTGGCTGTGTTCAAGTGC
 TACCCAGCTGGCTGGGATGCCACTGACCGCTTCCATGGCCCTGATGCCCTGTGTCGGGCCGCTCAAGTA
 CCTGCAGATGGTGGGCATGTATGCCTCCTCTACATGATCCTGGCCATGACACTAGACCGCCATCGTGCC
 ATCTGCCGCCCTATGCTAGCATACCGCCATGGAGGTGGGGCTCGCTGGAACAGGCCAGTGTGGTGGCCT
 GGGCCTTCTCACTCCTTCTCAGCCTGCCTCAGCTTTCATCTTTGCTCAGCGTGTGGGAAATGGCAG
 TGGGGTGTGTTGATTGCTGGGCCGATTTCAGAACCATGGGGCCTTCGTGCCTATGTCACCTGGATTGCC
 TTGATGGTGTGTTGGCACCTGCCCTAGGCATTGCTGCCTGTGAGTTCTTATCTCCGGGAGATACACG
 CCAGTCTGGTGCAGGGCCATCCGAGAGGGCAGGGAGGCCGCCGAGAGGGCGCCGACAGGAAGCCCCAG
 CGAGGGAGCACATGTATCAGCAGCCATGGCCAAGACCGTGAGGATGACACTGGTATTGTGATTGTCTAC
 TGCTATGCTGGGCACCCTTCTCCTCGTGCAGCTGTGGGCAGCGTGGGATCCGGAAGCTCCTCTGGAAA
 GACCCCCCTTTGTGTTGCTCATGCTGCTGGCTAGCCTAACAGCTGTACCAACCCTTGGATCTATGCTTC
 CTTAGTAGCAGTGTCTCCTCGGAGTTGCGTAGCCTGCTTTGCTGTGCTCAGAGGCACACCACACAGC
 CTGGGTCCTCAAGATGAATCCTGTGCCACAGCCAGCTCCTCTTTGATGAAGGATACACCCTCT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja3111_e10.zip

Restriction Sites: Sgfl-Mlul



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ACCN:	NM_019136
Insert Size:	1116 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>Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).</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:	<u>NM_019136.1</u> , <u>NP_062009.1</u>
RefSeq Size:	1116 bp
RefSeq ORF:	1116 bp
Locus ID:	25108
UniProt ID:	<u>Q00788</u>
Cytogenetics:	Xq37
Gene Summary:	G-protein coupled receptor for arginine vasopressin; responsible for mediation of antidiuretic effect and changes in blood pressure [RGD, Feb 2006]