

Product datasheet for **RN203826**

Aqp9 (NM_022960) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Aqp9 (NM_022960) Rat Untagged Clone
Tag: Tag Free
Symbol: Aqp9
Synonyms: MGC93419
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN203826 representing NM_022960
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCCTTCTGAGAAGGACGGTGCCAAGAAGAGCCTCATGCAGAGGCTGGCCCTGAAGAGCCGGATAGCGA
AGGAGACACTCTCCGAGTTCCTGGGCACCTTTATAATGATTGTCCTTGGATGTAGCTCTATTGCCAAGC
GGTCTCAGTCGAGAACGTTTTGGCGGGATCATCACTATCAATATTGGATTTGCATCGGCAGTCGTGATG
GCTCTCTATGTGACATTTGGTATCTCTGGGGGCCACATCAACCCAGCTGTGTCTTTTGCAATGTGCGCCT
TTGGAAGGATGGAGTGGTTCAAGTTCCTATTTATGTGGGAGCCAGTTTTTGGGAGCCTTTGTTGGGGC
TGCAACGGTCTTTGGCATTATTATGATGGACTCATGGCCTTTGCTGGCGGAAAACCTGCTCGTCGTAGGA
GAAATGCAACAGCATTCAATTTTGCAACATATCCAGCTCCATTCATATCCACGCCAGGTGCCTTTGTAG
ACCAAGTGGTGTCTACCATGTTCTCTCTGATCGTCTTTGCCATGTTTGACTCCAGAAACCTGGGTGT
CCCCAGAGGCCTGGAGCCTGTTGTCATTGGCCTCCTGATCATTGTCTTTCTGTTCTCTCGGACTCAAC
TCTGGCTGTGCCATGAACCCAGCTCGAGACCTCAGTCCCAGGCTCTTCACTGCACTGGCAGGATGGGGT
TTGAGGTCTTACAGTTGGAAATAACTTCTGGTGGATACCTGTGCGTGGTCTATGATTGGTGCTTTCCT
GGGAGGTCTTATCTACATTCTTTTATCCAAATGCATCACTCGAAGCTCGACCCAGACATGAAGGCAGAG
CCATCTGAGAACAACCTAGAGAAACACGAGCTCAGTGTCATCATG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_022960
Insert Size: 888 bp



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OTI Disclaimer:	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).
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_022960.2 , NP_075249.1
RefSeq Size:	1740 bp
RefSeq ORF:	888 bp
Locus ID:	65054
UniProt ID:	P56627
Cytogenetics:	8q24
Gene Summary:	solute channel involved in passage of carbamides, polyols, purines, and pyrimidines [RGD, Feb 2006]