

## Product datasheet for **RR207519**

### **Aqp5 (NM\_012779) Rat Tagged ORF Clone**

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Aqp5 (NM_012779) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Aqp5
Synonyms:	MGC124967
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR207519 representing NM_012779 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGGATCGCC**

ATGAAAAGGAGGTGTGCTCCCTTGCCCTTCAAGGCGGTGTTTCGAGAGTTCCTGGCCACCCTCATCT  
TCGTCTTCTTTGGCCTGGGCTCAGCACTCAAGTGGCCCTCGGCTCTGCCACCATTCTGCAAATCTCAAT  
TGCCTTTGGCCTGGCCATAGGTACCTTAGCCCAAGCTCTGGGACCTGTGAGTGGTGGCCACATCAATCCA  
GCCATTACTCTGGCCCTTAAAGGAAACCAGATCTCGCTGCTCCGAGCTGTCTTACGTGGCAGCCC  
AGCTGGTGGGCGCCATTGCTGGGCGAGGATCCTGTACTGGCTGGCGCCACTCAATGCCCGGGTAACT  
GGCCGTCAATGCCTGAACAACAACAACGCCTGGCAAGGCCATGGTGGTGGAGTTAATCTTGACTTTC  
CAGCTAGCCCTCTGCATCTTCTCCTCCACCGACTCTCGCCGAACCAGCCCTGTGGGCTCCCCAGCCTTAT  
CCATTGGCTTGTCTGTACACTGGGCCATCTTGTGGGATCTACTTCACCGGCTGTTCCATGAACCCAGC  
CCGATCTTTGGCCCTGCGGTGGTCAAGACCGGTTACGCCCTCTCACTGGGCTTTCTGGGTAGGGCT  
ATTGTGGGGCCATGCTGGCGGCCATCCTCTATTTCTACCTGCTCTTCCCTCCTCTCTGAGCCTCCATG  
ATCGCGTGGCTGTCGTCAAAGGCACATATGAGCCGGAGGAGGACTGGGAAGATCATCGAGAGGAGAGGAA  
GAAGACCATCGAGCTGACGGCACAC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Reconstitution Method:**

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\\_012779.1](#), [NP\\_036911.1](#)

**RefSeq Size:** 1426 bp

**RefSeq ORF:** 798 bp

**Locus ID:** 25241

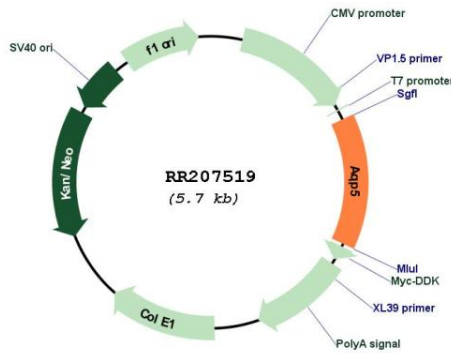
**UniProt ID:** [P47864](#)

**Cytogenetics:** 7q36

**MW:** 28.9 kDa

**Gene Summary:** may play a role in sweat production and thermoregulation [RGD, Feb 2006]

**Product images:**



Circular map for RR207519