

Product datasheet for RN207519

Aqp5 (NM_012779) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aqp5 (NM_012779) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Aqp5
Synonyms:	MGC124967
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN207519 representing NM_012779 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAAAAAGGAGGTGTGCTCCCTTGCCCTTCAAGGCGGTGTTTCGAGAGTTCCCTGGCCACCCTCATCT
TCGTCTTCTTTGGCCTGGGCTCAGCACTCAAGTGGCCCTCGGCTCTGCCACCATTCTGCAAATCTCAAT
TGCCTTTGGCCTGGCCATAGGTACCTTAGCCCAAGCTCTGGGACCTGTGAGTGGTGGCCACATCAATCCA
GCCATTACTCTGGCCCTTAAATAGGAAACCAGATCTCGCTGCTCCGAGCTGTCTTCTACGTGGCAGCCC
AGCTGGTGGGCGCCATTGCTGGGCGAGGCATCCTGTACTGGCTGGCGCCACTCAATGCCCGGGTAACT
GGCCGTCAATGCCTGAACAACAACAACGCCTGGCAAGGCCATGGTGGTGGAGTTAATCTTGACTTTC
CAGCTAGCCCTCTGCATCTTCTCCTCCACCGACTCTCGCCGAACCAGCCCTGTGGGCTCCCCAGCCTTAT
CCATTGGCTTGTCTGTACACTGGGCCATCTTGTGGGATCTACTTCACCGGCTGTTCCATGAACCCAGC
CCGATCTTTGGCCCTGCGGTGGTCAAGACCGGTTACGCCCTCTCACTGGGCTTTCTGGGTAGGGCT
ATTGTGGGGCCATGCTGGCGGCATCCTCTATTTCTACTGCTTCCCTCCTCTCTGAGCCTCCATG
ATCGCGTGGCTGTCGTCAAAGGCACATATGAGCCGGAGGAGGACTGGGAAGATCATCGAGAGGAGAGGAA
GAAGACCATCGAGCTGACGGCACACTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_012779
Insert Size:	798 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_012779.1 , NP_036911.1
RefSeq Size:	1426 bp
RefSeq ORF:	798 bp
Locus ID:	25241
UniProt ID:	P47864
Cytogenetics:	7q36
Gene Summary:	may play a role in sweat production and thermoregulation [RGD, Feb 2006]