

Product datasheet for RN208124

Aqp8 (NM_019158) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aqp8 (NM_019158) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Aqp8
Synonyms:	AQP-8
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
Fully Sequenced ORF:	>RN208124 representing NM_019158 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCTGGGGAGCAGACGCCGATGTGTAGTATGGACCTACGTGAGATCAAGGGGAAGGAGACCAACATGG
CTGACAGTTACCATGGCATGTCCTGGTATGAGCAGTACATAACAACCGTGTGTGGTGGAACTTTTGGGCTC
CGCTCTTTCATCTTCATTGGGTGTCTATCGGTATCGAGAACAGTCAAATACTGGGCTCCTGCAGCCT
GCCCTGGCTCATGGGCTGGCCTTGGGGCTCATCATTGCTACCTTGGGGAACATCAGCGGTGGACACTTCA
ACCTGCTGTGTCGCTGGCAGTCACACTGGTTGGAGGCCTCAAGACCATGCTGCTAATCCCTACTGGGT
CTCCCAGCTGTTTGGGGGAATGATCGGAGCTGCCCTGGCTAAGGTGGTGGTCCAGAGGAAAGGTTCTGG
AATGCGTCTGGGGCAGCCTTTGCCATAGTCCAGGAGCAGGAGCAGGTGGCAGAAGCCCTGGGGGTAGAGA
TCGTTATGACGATGCTGTTGGTATTGGCTGTGTATGGGTGCCGTCATGAGAAGACAATGGGTCCCCT
AGCCCCATTCTCCATTGGTTTCTCTGTCTATTGTGGATATCCTGGCAGGTGGTGGGATCTCTGGAGCCTGC
ATGAACCCTGCTCGTGCCTTTGGACCTGCTGTGATGGCTGGCTACTGGGACTTCCATTGGATCTACTGGC
TGGGCCCACTCCTGGCTGGCCTTTGTGGGACTGCTCATTAGGCTCTTCATTGGAGATGAGAAAACCCG
CCTGATTCTAAAGTCGAGGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_019158
Insert Size:	792 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_019158.2 , NP_062031.1
RefSeq Size:	1568 bp
RefSeq ORF:	792 bp
Locus ID:	29172
UniProt ID:	P56405
Cytogenetics:	1q36
Gene Summary:	plays a role in water transport across hepatocyte membranes [RGD, Feb 2006]