

Product datasheet for **MC200875**

Aqp8 (NM_007474) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Aqp8 (NM_007474) Mouse Untagged Clone
Tag: Tag Free
Symbol: Aqp8
Synonyms: AI255744; AQP-8
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC010982 sequence for NM_007474
 CCACGCGTCCGCCACGCGTCCGCCTAGAGATAAGTGAGTACAATCTAGGGCAGCCGGCGAAGCTCCTGG
 TAGCTCTGGCTCGGATCTTCTTGAGCAGATGTCTGGGGAGACACCAATGTGTAGTATGGACCTACCTGAG
 GTCAAGGTGAAGACCAGCATGGCTGGCAGATGCCGTGTGTCTGGTATGAGCAATACGTACAACCATGTA
 TAGTGAACTTGTGGCTCCGCTCTCTTCATCTTCATCGGATGTCTATCGGTCATTGAGAATAGTCCGAA
 TACTGGGCTCCTGCAGCCTGCCTTGGCTCATGGCTGGCCTTGGGGCTCATCATTGCTACCTTGGGGAAC
 ATCAGCGGTGGACACTTCAACCTGCTGTGTCGCTGGCAGTCACAGTGATCGGAGCCTCAAGACCATGC
 TGCTAATTCCTATTGGATCTCCAGCTATTTGGAGGGCTGATTGGGGCTGCCTTGGCTAAAGTGGTGAG
 TCCAGAGGAAAGATTCTGGAATGCATCTGGGGCAGCCTTTGCCATCGTCCAGGAGCAGGAGCAGGTGGCA
 GAAGCCCTGGGGATAGAGATCATTCTGACAATGCTGTTGGTATTGGCTGTGTGTATGGGTGCTGTCAATG
 AGAAGACAATGGGCCCTTTAGCCCCATTCTCCATTGGCTTCTCTGTCTATTGTGGACATCCTGGCAGGTGG
 TAGCATCTCTGGAGCCTGCATGAACCCTGCTCGTGCCTTTGGACCTGCTGTGATGGCTGGCTACTGGGAC
 TTCCATTGGATCTACTGGCTGGGCCCTCCTGGCTGGCCTCTTTGTAGGACTGCTCATTAGGCTCCTCA
 TCGGAGATGAGAAAACCCGCTAATTCTAAAGTCGAGGTGAAGAAGAAGTCTGGCGACGTTCCCACTGC
 CTGGAGTCTCAGCTGCTTGTCCTAAGTTGAGGACGGAACAATCCATTATCTCCTGCAGGACCTGAGCT
 AACAGGAGTCACCATGACAGCAGCTGACCTAGGCTGGCTTCTCAGGCAGGCAGGCAGGCAGGCGGCTGC
 TGCTCTGTCTGAGCATGCTCCTGGAACCTGGAATTTCTCTGTGCTCATGGAGTGGGCTGGGGCCAG
 CCTAAAGACAGGTAGAGACCGCATAGAAAAAGAGGGTAGGCCTCTTTTCTTGCAGAGGGCAGGGATTAG
 AAGGGCTGAGAAGGTGGAGAATGCACACTGTCCATTTCTCAGTCCTCTTTCTTTTACTAGGTTGGGT
 TTGGAACCAATTATGCACACTAGGTGAGCACTTTGCTACTGAGCCCCTGCTCTCCACACCTCTTTTC
 TCTTGATTACAGTTACAGAAGGTCTTTTCAGGAGCCCAAAGATCTTGCTTCTCAGCTCCCAATCTGACTT
 TGTAATAAATGGCTTAGCATTTTCATCCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_007474
Insert Size: 783 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:	BC010982 , AAH10982
RefSeq Size:	1455 bp
RefSeq ORF:	783 bp
Locus ID:	11833
UniProt ID:	P56404
Cytogenetics:	7 F3
Gene Summary:	Forms a water-specific channel; mercury-sensitive. Also permeable to urea but not to glycerol.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) represents the longer transcript and encodes the longer protein (isoform 1).