

Product datasheet for MC212511

Aqp12 (NM_177587) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Aqp12 (NM_177587) Mouse Untagged Clone
Tag: Tag Free
Symbol: Aqp12
Synonyms: AB084104; mAQP12
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC212511 representing NM_177587
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGGCCAGTCTGAATGTGTCCCTCTGTTTCTTTTTGCTACTTGTGCCATCTGTGAGGTGGCTAGAAGGG
 CATCTAAAGCCCTGCTTCCAGCAGGTACCTATGCCAGTTTTGCCCGGGGGCAGTAGGCCGACCCAGCT
 GGCAGCCTGCTGCCTGGAGATGCGAGTGTGGTGGAGCTTGGCCCTGGGCAGGGGGCTTCGGACCCGAC
 CTGTTGCTGACCCCTGGTCTTCTGCTTTTCTGTTACATGGGGTACCTTCGATGGGGCCTCGCCAACC
 CCACCGTGGCCCTGCAGGAGTTCCTCATGGTGGAGGCATCGCTGCCAACACTCTGCTGAAACTGTCGGC
 CCAGGTGCTGGGTGCACAGGCTGCCTGTGCCCTGACCCAGCGCTGCTGGGCTGGGAGCTCAGCGAACTA
 CACTTACTACAGAGCCTCATGGCTGCACACTGCAGCTCAACCCTGCGTACATCCGTGCTGCAGGGCATGC
 TCGTGGAGGGTGCCTGCACCTTCTTCTTCCATCTGAGCCTCCTCCACCTGCAGCACAGCCTTCTTGTCTA
 CAGGGTGCCTGCCCTGGCCCTGCTGGTCACTCTCATGGCTACACAGCAGGGCCCTACACATCTGCCTTC
 TTCAATCCTGCCCTGGCTGCCTCTGTACATTCCAATGCCCTGGGAACACCTTGTGGAGTATGCCACAG
 TGTACTGCCTGGTCTGTGCGAGGGATGATCCTGGCTGCTCCTCCATCAGGGCCACCTTCCCCGCCT
 TTTCCAGAGAAATCTGTTCTACCGGCAGAAAAGCAAATACCGAACTCCCAGGGGGAAGCTGTCCCCAGGT
 TCTGTGGACGCCAAGATGCACAAAGGGGAG**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_177587
Insert Size: 873 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_177587.2 , NP_808255.1
RefSeq Size:	1088 bp
RefSeq ORF:	873 bp
Locus ID:	208760
UniProt ID:	Q8CHJ2
Cytogenetics:	1 D
Gene Summary:	Aquaporins facilitate the transport of water and small neutral solutes across cell membranes. [UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) encodes the longer isoform (1).