

Product datasheet for MC208143

Aqp6 (NM_175087) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Aqp6 (NM_175087) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Aqp6
Synonyms:	A1790337
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC208143 representing NM_175087 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGAGCCAGGGCTGTGTAGCAGGGCTTACCTTCTGGTTGGCGGGCTTTGGACCGCCATCAGCAAGGCGC
TTTTTGCTGAGTTCCTGGCCACGGGGCTGTACGTTTTCTTTGGTGTGGGCTCTGTTCTGCCCTGGCCTGT
GGCGCTTCCCTCTGTGCTCCAGATCGCCATCACCTTCAATCTGGCCACAGCCACAGCCGTGCAGATCTCC
TGAAGACCAGCGGGCCACGCCAACCTGCTGTGACCCTGGCCTACCTCGTGGGATCCCATATCTCTC
TGCTCGGGCTATGGCCTATATCGCTGCGCAGCTGGCTGGGGCCACAGCTGGGGCTGCTCTCTTTACGG
GGTAACTCCAGGAGGATTCGAGAGACCTTGGGGTCAACGTGGTCCACAACAGCACATCAACTGGCCAG
CGGTGGCCGTGGAGCTGGTTCTGACGCTGCAGCTGGTGTCTGTGTCTTTGCTTCCATGGATGGCCGGC
AGACCTTGGCGTCCCGAGCTGCCATGATTGGAACCTCTGTGGCACTGGGCCACCTCATTGGGATCTACTT
CACTGGCTGTTCCATGAACCCAGCCCGCTCCTTCGGCCCTGCCGTATTGTTGGGAAGTTCGCAGTCCAT
TGGATCTTCTGGGTAGGACCGCTCACAGGGGCTGTCTGGCTTCGCTGATCTACAACCTTTATCTTGTTC
CTGACACCAAGACTGTAGCCAGCGATTGGCCATCCTTGTGGCACCACAAAGGTGGAGAAAGTGGTAGA
CCTGGAGCCCCAGAAGAAAGAATCACAGACAACTCTGAGGACACAGAATGTTTGACTTCTCCGTGTGAG
GAGGCTGTCCGGTCATTTTCATTCACGCTTGGCCTTTGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_175087
Insert Size:	882 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_175087.4 , NP_780296.1
RefSeq Size:	2060 bp
RefSeq ORF:	882 bp
Locus ID:	11831
UniProt ID:	Q8C4A0
Cytogenetics:	15 56.13 cM
Gene Summary:	Forms a water-specific channel that participates in distinct physiological functions such as glomerular filtration, tubular endocytosis and acid-base metabolism.[UniProtKB/Swiss-Prot Function]