

Product datasheet for MC206888

Aqp9 (BC024105) Mouse Untagged Clone

Product data:

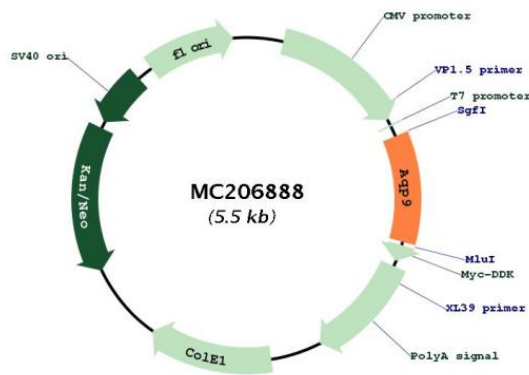
Product Type:	Expression Plasmids
Product Name:	Aqp9 (BC024105) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Aqp9
Synonyms:	1700020I22Rik; A1266899; AQP-9
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC206888 representing BC024105. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGCCTTCTGAGAAGGACCGAGCCAAGAAGAACCTCGTGCAAGGCTGGCCCTGAAGAGCTGTCTGGCT
AAGGAGACTCTCTGAGTTCCTGGGCACCTTTATAATGATTGTCCTGGATGTGGCTCTATTGCTCAA
GCAGTCTCAGTCGAGAAAAGGCTGGTGGGATCATCACTATCAATATTGGATTTGCAACGGCAGTTGTG
ATGGCTCTTTATGCGACTTTTGGTGTCTCTGGGGCCACATCAACCCAGCGGTGTCTTTTGAATGTGC
ACCTTTGGAAGGATGGAGTGGTCAAGTCCCCTTTTATGTGGGAGCTCAGCTTTTGGGAGCCTTTGTC
GGGGCTGCAACTGTCTTTGGCATTACTATGACGGACTCATGGCCTTTGCTGATGAAAAGCTGCTCATC
ACGGGAGAAAATGGAACGCGTTCAATTTTCGCGACATACCCAAAACCATTTGTATCCGTGCCAGGTGCC
TTTGTAGACCAAAGCCATGGCCTAGGCGCATCACACATAAAAAGGGAGCTCCAGAATTTTGTCTGCA
ATACGAGGGGTTGAGAACAGGCCTTGA
ACGCGTACGCGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Restriction Sites: Sgfl-MluI



[View online »](#)

Plasmid Map:


ACCN: BC024105

Insert Size: 579 bp

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:

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: [BC024105](#)

RefSeq Size: 2782 bp

RefSeq ORF: 578 bp

Locus ID: 64008

Cytogenetics: 9 D

MW: 20.6 kDa

Gene Summary: This gene encodes a member of the aquaglyceroporin subfamily of aquaporins. This protein transports water, glycerol, urea, purines and pyrimidines and plays a role in glycerol metabolism and osteoclast differentiation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2012]