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Product datasheet for SC216933

Aquaporin 1 (AQP1) (NM_198098) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Aquaporin 1 (AQP1) (NM_198098) Human 3' UTR Clone
Symbol:	Aquaporin 1
Synonyms:	AQP-CHIP; CHIP28; CO
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_198098
Insert Size:	1917 bp

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Insert Sequence:

>SC216933 3'UTR clone of NM_198098
The sequence shown below is from the reference sequence of NM_198098. The complete sequence of this clone may contain minor differences, such as SNPs.
Blue=Stop Codon Red=Cloning site

GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAGGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
AACTCCAGGGTGGAGATGAAGCCCAAATAGAAGGGGTCTGGCCCGGGCATCCACGTAGGGGGCAGGGGC
AGGGGCGGGCGGAGGGAGGGGAGGGGTGAAATCCATACTGTAGACACTCTGACAAGCTGGCCAAAGTCA
CTTCCCCAAGATCTGCCAGACCTGCATGGTCAAGCCTCTTATGGGGGTGTTTCTATCTCTTTCTTTCTC
TTTCTGTTTCCTGGCCTCAGAGCTTCCTGGGGACCAAGATTTACCAATTCACCCACTCCCTTGAAGTTG
TGGAGGAGGTGAAAGAAAGGGACCCACCTGCTAGTCGCCCCTCAGAGCATGATGGGAGGTGTGCCAGAA
AGTCCCCCCTCGCCCCAAAGTTGCTCACCGACTCACCTGCGCAAGTGCCTGGGATTCTACCGTAATTGC
TTTGTGCCTTTGGGCACGGCCCTCCTTCTTTTCCTAACATGCACCTTGCTCCCAATGGTGCTTGGAGGG
GGAAGAGATCCCAGGAGGTGCAGTGGAGGGGGCAAGCTTTGCTCCTTCAGTTCTGCTTGCTCCCAAGCC
CCTGACCCGCTCGGACTTACTGCCTGACCTTGGAATCGTCCCTATATCAGGGCCTGAGTGACCTCCTTC
TGCAAAGTGGCAGGGACCGGCAGAGCTCTACAGGCCTGCAGCCCCTAAGTGCAAACACAGCATGGGTCC
AGAAGACGTGGTCTAGACCAGGGCTGCTCTTTCCACTTGCCCTGTGTTCTTTCCCCAGGGGCATGACTG
TCGCCACACGCCTCTGTGTACATGTGTGCAGAGCAGACAGGCTACAAAGCAGAGATCGACAGACAGCCA
GGTAGTTGGAACTTTCTGTTCCCTATGGAGAGGCTTCCCTACACAGGGCCTGCTATTGCAGAATGAAGC
CATTTAGAGGGTGAAGGAGAAATACCCATGTTACTTCTCTGAGTTTTAGTTGGTCTTTCCATCTATCAC
TGCATTATCTTGCTCATTCTTCAGTTCTCTACTCCCTCTTGTCAGTGTAGACACAGGTCACCATTATGC
TGGTGTATGTTTATCAAAGAGCACTTGAGCTGTCTGAAGCCCAAAGCCTGAGGACAGAAAGACCCTGAT
GCAGGTCAGCCCATGGAGGCAGATGCCCTTGCTGGGCCTGGGGGTTTTCCAAGCCCTCAGCTGGTCCTG
ACCAGGATGGAGCAAGCTCTTCCCTTGCTCATGAGCTCCTGATCAGAGGCATTTGAGCAGCTGAATAAC
CTGCACAGGCTTGCTGTATGACCCCTGGCCACAGCCTTCCCTCTGCATTGACCTGGAGGGGAGAGGTCA
GCCTTGACCTAATGAGGTAGCTATAGTTGCAGCCCAAGGACAGTTCAGAGATCAGGATCAGCTTTGAAG
GCTGGATTCTATCTACATAAGTCCTTTCAATTCCACCAGGGCCAGAGCAGCTCCACCACTGTGCACTTA
GCCATGATGGCAACAGAAACCAAGAGACACAATTACGCAGGTATTTAGAAGCAGAGGGACAACCAGAAG
GCCCTTAACTATCACCAGTGCATCACATCTGCACACTCTCTTCTCCATTCCCTAGCAGGAACTTCTAGC
TCATTTAACAGATAAAGAAACTGAGGCCCACGGTTTCAGCTAGACAATGATTTGGCCAGGCCTAGTAAC
CAAGGCCCTGTCTCTGGCTACTCCCTGGACCACGAGGCTGATTCCTCTCATTTCCAGCTTCTCAGTTTC
TGCCTGGGCAATGGCCAGGGGCCAGGAGTGGGGAGAGTTGTGATGGAGGGGAGAGGGGTCACACCCACC
CCCTGCCTGGTTCTAGGCTGCTGCACACCAAGGCCCTGCATCTGTCTGCTCTGCATATATGTCTCTTTG
GAGTTGGAATTTCATTATATGTTAAGAAAATAAAGGAAAATGACTTGTAAGGTC
ACGCGTAAGCGGCCGCGGCATCTAGATTCGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTTCGATTCCACCGCCGCCTTCTATGAAAGG

Restriction Sites: SgfI-MluI

OTI Disclaimer: Our molecular clone sequence data has been matched to the sequence identifier above as a point of reference. Note that the complete sequence of this clone is largely the same as the reference sequence but may contain minor differences , e.g., single nucleotide polymorphisms (SNPs).

Components: The cDNA clone is shipped in a 2-D bar-coded Matrix tube as 10 ug dried plasmid DNA. The package also includes 100 pmols of both the corresponding 5' and 3' vector primers in separate vials.

RefSeq: NM_198098.4

Summary:	This gene encodes a small integral membrane protein with six bilayer spanning domains that functions as a water channel protein. This protein permits passive transport of water along an osmotic gradient. This gene is a possible candidate for disorders involving imbalance in ocular fluid movement. [provided by RefSeq, Aug 2016]
Locus ID:	358
MW:	69.7