

Product datasheet for **SC216450**

Aquaporin 9 (AQP9) (NM_020980) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Aquaporin 9 (AQP9) (NM_020980) Human 3' UTR Clone
Vector:	pMirTarget (PS100062)
Symbol:	AQP9
Synonyms:	AQP-9; HsT17287; SSC1; T17287
ACCN:	NM_020980
Insert Size:	1806 bp



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Insert Sequence: >SC216450 3'UTR clone of NM_020980
 The sequence shown below is from the reference sequence of NM_020980. The complete sequence of this clone may contain minor differences, such as SNPs.
 Blue=Stop Codon Red=Cloning site

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GGCAAGTTGGACGCCCGCAAGATCCGCGAGATTCTCATTAAAGCCAAGAAGGGCGGAAAGATCGCCGTG
TAACAATTGGCAGAGCTCAGAATTCAAGCGATCGCC
GAGAAATATGAACTCAGTGTATCATGTAGTGGCATGCTCAGCTCTGGATTGTCAGTCAGTTGGGATT
CTCTTCAGAAAGATGGCATCTAAGTGTCTGTGTTCTTGTAAAGCCTGAGGTGGAATCCACCCAGTTTTGT
CTGCTAGCCATATGGGACATCTAATTGGAAAAGCATCTGCATAAAAGTTGGAAACAATGACCACTTCT
CTACCATTGTCCCCACCCACCCCAAGAATAACGCTGACTGTCCCCTGAAACAGCCTTCTCTCTG
CCCTGTTTATTTTCATCCTCGATGGGAATCTTGCTAGGTAAGCACTAATAACTCGGCATCTTGACGATA
GTCCCATTTGGGTGGTTTCAGCTGCACTATCTGTATGAAATGGTGTACCCAAAACCCCTTTTCTTCAGTA
TCGACAAAGATTACATTCTGAGTACCAACCAACCCTAAATTGAAAGACAAAATATGGTTTCAGTCAA
CATATTCTGAATTAGGGAGCTAATGGGTTAAGCTTCCAGTTCCTGCTATGCTACTGGATTGTATAAA
TACTGATATTCTCAAACCTAGTGGTGTAGGGAGCAAGAGAATGCAGCTGGAAGGCACAAGGGGAGGAC
ATTGTGGCATTGAGAACTGCAGGAGACAAGATGAATTTGAGAAGCCAAATGGAATTTTTAATGGAAC
CATTTATCAGATTAATCTCTTGCTCTCCTGCATTTTAGAGGACACCAATTAATTTCTGGTCTTTAGTA
TATAATAACCTAAAATACCATTGTAACCTCAGTCATGAAAAATACATCACTCTGTCTTTTAGCTCAAA
TGATTTTCTTAATTGCCCACTTGAGAACAGACATTTGACAAGTTATATCAACGACTGTGCTTGCCAT
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TAATTTAATCCTCATAATGACTATGTGAGGCAAAATGCCACATTTGCCATTTTTCAGATAAAGAAACAAA
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TACCTTTCAGAAGATCAGTAGCTGGCTGACAATCTTTGCCAAATCTTCTTGCTAGCCAGAAGTGGAAAT
TGGCAGCTTCTAGAATATGTACACCTCTGGACAAAATGTTCTCAATCTTAAGATACAAAGACCCTCAT
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CATTTGCTGAAAAACATTATGAGAAGGCCCTCCCTTCTAAGCCACCTCTGGTCTTGCTAAGTCTTGATC
TTGCTTCTGCCAGCACAAACATTACATTGAGGGGATTTCTCTGGCTCAGTCTTTTCCCTTGAAGT
TCTCTAATAGATGTTACTTTTGACAAAAGATCGCCTATGAGTTACAAGCACCAGGGGATGCTCTACATC
AAGGGATGCACCTTCAGTCAAATGTCAAAAAGCCGAGAATCCCAAAGGCATTAGGTTTCCCAACTGC
TTTGTGCTGATATCAGAACAGCAGAAAATTAATGTGAAATGTTTCTGATGACTTATGTTCTACAATCTA
TGGACATACGGGATTTTTTTTTCTTGTCTTGAAGCTACCTGGATATTTCTATTTGAAATAAAATGTT
CGGTCATTGTTG
ACGCGTAAGCGGCCGCGGCATCTAGATTGGAAGAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCACCGCCGCTTCTATGAAAGG
  
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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_020980.5](#)

Summary: The aquaporins are a family of water-selective membrane channels. This gene encodes a member of a subset of aquaporins called the aquaglyceroporins. This protein allows passage of a broad range of noncharged solutes and also stimulates urea transport and osmotic water permeability. This protein may also facilitate the uptake of glycerol in hepatic tissue . The encoded protein may also play a role in specialized leukocyte functions such as immunological response and bactericidal activity. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]

Locus ID: 366

MW: 70.2