

## AQP1-aquaporin 1 (Colton blood group) Gene

Reference: PTXBC022486

|                |                                                                                                                                                                                                                                                                 |                     |                |
|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------|----------------|
| Product type:  | DNA                                                                                                                                                                                                                                                             | Storage Condition:  | -20°C          |
| Size/Quantity: | 2 ug                                                                                                                                                                                                                                                            | Delivery Condition: | +4°C, Blue Ice |
| Synonyms       | AQP-CHIP; CHIP28; aquaporin-1; aquaporin 1 (channel-forming integral protein, 28kDa, CO blood group); aquaporin 1, Colton blood group antigen; aquaporin-CHIP; channel-like integral membrane protein, 28-kDa; urine water channel; water channel protein for r |                     |                |

**For research use only.**

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| <b>GENE DESCRIPTION</b> | aquaporin 1 (Colton blood group)                                                                  |
| <b>GENE ID</b>          | 358                                                                                               |
| <b>ORIGIN SPECIES</b>   | Human                                                                                             |
| <b>ACCESSIONS</b>       | BC022486                                                                                          |
| <b>VECTOR</b>           | pDONR223                                                                                          |
| <b>NCBI SYMBOL</b>      | AQP1                                                                                              |
| <b>LENGTH</b>           | ProteoGenix bp                                                                                    |
| <b>SEQUENCE PRIMERS</b> | Forward primer M13R (5'→3'): GTAAAACGACGGCCAGT<br>Reverse primer T7P (5'→3'): TAATACGACTCACTATAGG |

### ORF (Only for reference, product provided without STOP codon )

atggccagcaggttcaagaagaagctctctggagggcagtggtggccgagttctggccacgacctcttctctcatcagcatcggttctgcccgtgggttcaatacccggtggggaacaaccagacgacgggtccaggacaacgtgaaggtgtcgtggcctcgggctgagcatc  
gccacgtggcgagagtggtggccacatcagcggcgccacctcaaccggctgtcacactggggtgctgctcagctgccagatcagcatcttcgtgcccctcatgtacatcatcgccagtgctggggccatcgtcgccaccgccatctctcaggcatcacctctccctgact  
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tgaaggtgtggaccagcggccaggtggaggtatgacctggatgccgacgacatcaactccagggtggagatgaagcccaatag