

Product datasheet for **SC126024**

Aquaporin 8 (AQP8) (BC040630) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Aquaporin 8 (AQP8) (BC040630) Human Untagged Clone
Tag: Tag Free
Symbol: AQP8
Synonyms: aquaporin 8
Vector: pCMV6-XL5
E. coli Selection: Ampicillin (100 ug/mL)
Cell Selection: None
Fully Sequenced ORF: >OriGene sequence for BC040630 edited

```
TGTCTGTGAAGGATCGTCATCTATACACTCAGTCCTGGCTCAGGCTGTCACGGTGACTGC
AGATAGCCATGTGTGAGCCTGAATTTGGCAATGACAAGGCCAGGGAGCCGAGCGTGGGTG
GCAGGTGGCGAGTGTCTGGTACGAACGGTTTGTGCAGCCATGTCTGGTGAAGTCTGG
GCTCTGCTCTTTCATCTTCATCGGGTGCCTGTCGGTCATTGAGAATGGGACGGACTG
GGCTGCTGCAGCCGGCCCTGGCCACGGGCTGGCTTTGGGGCTCGTGATTGCCACGCTGG
GGAATATCAGTGGTGGACACTTCAACCCTGCGGTGTCCCTGGCAGCCATGCTGATCGGAG
GCCTCAACCTGGTATGCTCCTCCGTAAGTGGGCTCACAGCTGCTCGGGGGATGCTCG
GGGCTGCCTTGGCCAAGGCGGTGAGTCTGAGGAGAGGTTCTGGAATGCATCTGGGGCGG
CCTTTGTGACAGTCCAGGAGCAGGGGCAGGTGGCAGGGGCGTTGGTGGCAGAGATCATCC
TGACGACGCTGCTGGCCCTGGCTGTATGCATGGGTGCCATCAATGAGAAGACAAAGGGCC
CTCTGGCCCCGTCTCCATCGGCTTTGCCGTACCGTGGATATCCTGGCTGGGGGCCCTG
TGTCTGGAGGCTGCATGAATCCC GCCGTGCTTTTGGACCTGCGGTGGTGGCCAACCACT
GGAACCTCCACTGGATCTACTGGCTGGGCCACTCCTGGCTGGCTGCTTGTGGACTGC
TCATTAGGTGCTTCAATTGGAGATGGGAAGACCCGCCTCATCTGAAGGCTCGGTGAAGCA
GAGCTCGTGGGATCCTGCTGCTCCAGGTGTCTCAGCTCACCTGTCCCAGACTGAGGAC
AGGGGAGTTCCTGCATTTCTGCCAGGGCAGAGGCCAGAGGAGCGACCCCTGCTTCCA
CTGCTTGGGCTGCTTTCTCAGATAGACTGACTGCTGAGGAGGCTCTAGGTTCTTGAAT
TCTTTTGTGCTCATCAGAGACCCAGCCTGGGGAACACGCTGCCCGCACTGCCAGAGAG
CAGTGCAAACACCACAACACGAGCGTGTCTTCTGAGAGGAATGTCCCGAGTTGGACAAG
GAGGCTGTTTCTGCACATCAGCTCATTTCCCGACCCCAATTTCTGCTTGATTGCTTTGT
TGGGGGCTGGCCACTTCTTCTCAAGCTGACAATTCTCACTTTGCAATAAATAGT
CCAGTGTTCCTTCCAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA
AAAAAAAAAAAAAAAAAAAAAAAAAAAA
```

Restriction Sites: NotI-NotI
ACCN: BC040630



[View online »](#)

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:	BC040630.1 , AAH40630.1
RefSeq Size:	1402 bp
Locus ID:	343
Cytogenetics:	16p12.1
Protein Families:	Druggable Genome, Transmembrane
Gene Summary:	Aquaporin 8 (AQP8) is a water channel protein. Aquaporins are a family of small integral membrane proteins related to the major intrinsic protein (MIP or AQP0). Aquaporin 8 mRNA is found in pancreas and colon but not other tissues. [provided by RefSeq, Jul 2008]