

Product datasheet for SC210879

Aquaporin 3 (AQP3) (NM_004925) Human 3' UTR Clone

Product data:

Product Type:	3' UTR Clones
Product Name:	Aquaporin 3 (AQP3) (NM_004925) Human 3' UTR Clone
Symbol:	Aquaporin 3
Synonyms:	AQP-3; GIL
Mammalian Cell Selection:	Neomycin
Vector:	pMirTarget (PS100062)
ACCN:	NM_004925
Insert Size:	913 bp
Insert Sequence:	>SC210879 3'UTR clone of NM_004925 The sequence shown below is from the reference sequence of NM_004925. 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
GCCCATGTGAAGCACAAGGAGCAGATCTGAGTGGGCAGGGGCCATCTCCCCACTCCGCTGCCCTGGCCT
TGAGCATCCACTGACTGTCCAAGGGCCACTCCAAGAAGCCCCCTTCACGATCCACCCTTCAGGCTAA
GGAGCTCCCTATCTACCCTCACCCACGAGACAGCCCCCTTCAGGATTTCCACTGGACCTTGCCCAAATA
GCACCTTAGGCCACTGCCCTAAGCTGGGGTGGAAACCGGAATTTGGGTCAATACATCCTTTTGTCTCCC
AAGGGAAGAGAATGGGCAGCAGGTATGTGTGTGTGCATGTGTGTGCATGTGTGTGCATGTGTGTGCA
GGGTGTGTGTGTGTGGGGGGTTCCAGATATTCAGGGCAAGGGACCAGTCGGAAGGGATTCTGGCT
ATTGGGGAGCCCAGAGACAGGGGAAGGCAGCCTGTCCATCTGTGCATAAGGAGAGGAAAGTTCCAGGG
TGTGTATGTTTCAGGGGCTTCACATGGAGGAGCTGCAGATAGATATGTGTTTCTGTGTATGTGTATGTC
TGCCTTTTTTCTAAGTGGGGCTTCTACAGGCTTTTGGGAAGTAGGGTGGATGTGGGTAGGGCTGGGA
GGAGGGGGCCACAGCTTAGGTTTGGAGCTCTGGATGTACATACATAAGTAGGAGCAGTGGGACGTGTTT
CTGTCATAATGCAGGCATGAAGGGTGGAGTGAAGTCAGGTCATAAGTTTCATGTTTGGCTTTTGTGTTTGT
TTTGTGTTTAAATGTATGTAGCAGATGTTACAGTCTTAGGGATCCGGGATGGGAGACCCCACTTTAGAAA
GGGTCGTCACCTTTAATCCTCTACTCAACAATGTACTCTTTTACTTTTATATTAATAAAAAAAAAAAAAA
AAATATGTGCCTAAAA
ACGCGTAAGCGGCCGCGCATCTAGATTCAAGAAAAATGACCGACCAAGCGACGCCCAACCTGCCATCA
CGAGATTCGATTCCACCGCCCTTCTATGAAAGG

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Restriction Sites: SgfI-MluI



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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_004925.5
Summary:	This gene encodes the water channel protein aquaporin 3. Aquaporins are a family of small integral membrane proteins related to the major intrinsic protein, also known as aquaporin 0. Aquaporin 3 is localized at the basal lateral membranes of collecting duct cells in the kidney. In addition to its water channel function, aquaporin 3 has been found to facilitate the transport of nonionic small solutes such as urea and glycerol, but to a smaller degree. It has been suggested that water channels can be functionally heterogeneous and possess water and solute permeation mechanisms. Alternative splicing of this gene results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Dec 2015]
Locus ID:	360
MW:	33.4