

Product datasheet for **RC205304L2V**

Aquaporin 1 (AQP1) (NM_198098) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Aquaporin 1 (AQP1) (NM_198098) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Aquaporin 1
Synonyms:	AQP-CHIP; CHIP28; CO
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_198098
ORF Size:	807 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC205304).
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
RefSeq:	NM_198098.1
RefSeq Size:	2807 bp
RefSeq ORF:	810 bp
Locus ID:	358
UniProt ID:	P29972
Cytogenetics:	7p14.3
Protein Families:	Druggable Genome, Ion Channels: Other, Transmembrane
MW:	28.6 kDa



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Gene 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]