OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC216810L3V

Aquaporin 0 (MIP) (NM_012064) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Aquaporin 0 (MIP) (NM_012064) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Aquaporin 0
Synonyms:	AQP0; CTRCT15; LIM1; MIP26; MP26
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_012064
ORF Size:	789 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC216810).`
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_012064.2
RefSeq Size:	2608 bp
RefSeq ORF:	792 bp
Locus ID:	4284
UniProt ID:	P30301
Cytogenetics:	12q13.3
Protein Families:	Druggable Genome, Transmembrane
MW:	28.1 kDa

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Gene Summary: Major intrinsic protein is a member of the water-transporting aquaporins as well as the original member of the MIP family of channel proteins. The function of the fiber cell membrane protein encoded by this gene is undetermined, yet this protein is speculated to play a role in intracellular communication. The MIP protein is expressed in the ocular lens and is required for correct lens function. This gene has been mapped among aquaporins AQP2, AQP5, and AQP6, in a potential gene cluster at 12q13. [provided by RefSeq, Jul 2008]