Product datasheet for RC224567L2V

Aquaporin 9 (AQP9) (NM_020980) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Aquaporin 9 (AQP9) (NM_020980) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Aquaporin 9
Synonyms:	AQP-9; HsT17287; SSC1; T17287
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_020980
ORF Size:	885 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC224567).
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_020980.2, NP_066190.1
RefSeq Size:	2948 bp
RefSeq ORF:	888 bp
Locus ID:	366
UniProt ID:	O43315
Cytogenetics:	15q21.3
Domains:	MIP
Protein Families:	Druggable Genome, Transmembrane

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MW: 31.3 kDa

Gene Summary: The aquaporins are a family of water-selective membrane channels. This gene encodes a member of a subset of aquaporins called the aquaglyceroporins. This protein allows passage of a broad range of noncharged solutes and also stimulates urea transport and osmotic water permeability. This protein may also facilitate the uptake of glycerol in hepatic tissue . The encoded protein may also play a role in specialized leukocyte functions such as immunological response and bactericidal activity. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Mar 2016]