

Product datasheet for **MR221962L4V**

Aqp9 (NM_022026) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Aqp9 (NM_022026) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Aqp9
Synonyms:	1700020I22Rik; AI266899; AQP-9
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_022026
ORF Size:	885 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR221962).
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_022026.2
RefSeq Size:	2644 bp
RefSeq ORF:	888 bp
Locus ID:	64008
UniProt ID:	Q9J1J3
Cytogenetics:	9 D



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Gene Summary:

This gene encodes a member of the aquaglyceroporin subfamily of aquaporins. This protein transports water, glycerol, urea, purines and pyrimidines and plays a role in glycerol metabolism and osteoclast differentiation. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2012]