

Product datasheet for **RR204882L4V**

Aqp2 (NM_012909) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Aqp2 (NM_012909) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Aqp2
Synonyms:	AQP-2; aquaporin-2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_012909
ORF Size:	813 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR204882).
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_012909.2 , NP_037041.2
RefSeq Size:	1393 bp
RefSeq ORF:	816 bp
Locus ID:	25386
UniProt ID:	P34080
Cytogenetics:	7q36
Gene Summary:	water channel protein involved in water reabsorption and vasopressin regulation in kidney collecting duct cells; mutation is linked to nephrogenic diabetes insipidous (NDI) [RGD, Feb 2006]



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