

Product datasheet for **MR220919L4V**

Avpr2 (NM_019404) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Avpr2 (NM_019404) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Avpr2
Synonyms:	ADHR; DI; DI1; DIR; ND; ND1; V; V2R; VPV2R
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_019404
ORF Size:	1116 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220919).
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_019404.1 , NP_062277.1
RefSeq Size:	1812 bp
RefSeq ORF:	1116 bp
Locus ID:	12000
UniProt ID:	O88721
Cytogenetics:	X 37.46 cM



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Gene Summary:

This gene encodes a member of the G-protein coupled receptor 1 family and the vasopressin/oxytocin receptor subfamily. The encoded protein is an arginine vasopressin receptor which, when stimulated, activates the Gs protein/adenylyl cyclase signaling cascade and is involved in water and electrolyte homeostasis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jan 2013]