

Product datasheet for **RR202837L4V**

Avpr1a (NM_053019) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Avpr1a (NM_053019) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Avpr1a
Synonyms:	AVPR; V1a; V1aR
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_053019
ORF Size:	1272 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR202837).
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_053019.2 , NP_444178.2
RefSeq Size:	1596 bp
RefSeq ORF:	1275 bp
Locus ID:	25107
UniProt ID:	P30560
Cytogenetics:	7q22



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Gene Summary:

This gene encodes a receptor for arginine vasopressin, a neurohypophyseal hormone involved in diuresis inhibition, smooth muscle contraction, liver glycogenolysis stimulation and regulation of adrenocorticotrophic hormone release from the pituitary. This receptor represents one of three G protein-coupled arginine vasopressin receptors which functions through a phosphatidylinositol-calcium second messenger system in vascular and hepatic tissues. [provided by RefSeq, Jul 2008]