

Product datasheet for **RR212271L3V**

Akr1a1 (NM_031000) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Akr1a1 (NM_031000) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Akr1a1
Synonyms:	Akr1a4
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_031000
ORF Size:	975 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR212271).
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_031000.3 , NP_112262.1
RefSeq Size:	1124 bp
RefSeq ORF:	978 bp
Locus ID:	78959
UniProt ID:	P51635
Cytogenetics:	5q35
Gene Summary:	enzyme that catalyzes the NADPH-dependent reduction of 3-deoxyglucosone; important for detoxifying 3-deoxyglucosone when it is formed through the Maillard reaction in vivo [RGD, Feb 2006]



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