

Product datasheet for **RR204016L4V**

Akirin2 (NM_001039914) Rat Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Akirin2 (NM_001039914) Rat Tagged ORF Clone Lentiviral Particle
Symbol:	Akirin2
Synonyms:	FBI1; RGD1307791
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001039914
ORF Size:	603 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR204016).
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_001039914.2 , NP_001035003.1
RefSeq Size:	1480 bp
RefSeq ORF:	606 bp
Locus ID:	297968
UniProt ID:	Q25C79
Cytogenetics:	5q21



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Gene Summary:

Required for the innate immune response. Downstream effector of the Toll-like receptor (TLR), TNF and IL-1 beta signaling pathways leading to the production of IL-6 (By similarity). Forms a complex with YWHAB that acts to repress transcription of DUSP1.[UniProtKB/Swiss-Prot Function]