

## Product datasheet for **RC218121L4V**

### **RBPJK (RBPJ) (NM\_005349) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	RBPJK (RBPJ) (NM_005349) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RBPJK
Synonyms:	AOS3; CBF-1; CBF1; csl; IGKJRB; IGKJRB1; KBF2; RBP-J; RBP-JK; RBP-J kappa; RBPJK; RBPSUH; SUH
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_005349
ORF Size:	1500 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218121).
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. <a href="#">More info</a>
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:	<a href="#">NM_005349.2</a>
RefSeq Size:	2388 bp
RefSeq ORF:	1503 bp
Locus ID:	3516
UniProt ID:	<a href="#">Q06330</a>
Cytogenetics:	4p15.2
Protein Families:	Transcription Factors



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**Protein Pathways:** Notch signaling pathway

**MW:** 55.5 kDa

**Gene Summary:** The protein encoded by this gene is a transcriptional regulator important in the Notch signaling pathway. The encoded protein acts as a repressor when not bound to Notch proteins and an activator when bound to Notch proteins. It is thought to function by recruiting chromatin remodeling complexes containing histone deacetylase or histone acetylase proteins to Notch signaling pathway genes. Several transcript variants encoding different isoforms have been found for this gene, and several pseudogenes of this gene exist on chromosome 9. [provided by RefSeq, Oct 2013]