

## Product datasheet for **RC209821L4V**

### **KAT2B (NM\_003884) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	KAT2B (NM_003884) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KAT2B
Synonyms:	CAF; P/CAF; PCAF
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_003884
ORF Size:	2496 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209821).
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_003884.3</a>
RefSeq Size:	4838 bp
RefSeq ORF:	2499 bp
Locus ID:	8850
UniProt ID:	<a href="#">Q92831</a>
Cytogenetics:	3p24.3
Domains:	Acetyltransf, BROMO
Protein Families:	Druggable Genome, Transcription Factors



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**Protein Pathways:** Notch signaling pathway

**MW:** 92.8 kDa

**Gene Summary:** CBP and p300 are large nuclear proteins that bind to many sequence-specific factors involved in cell growth and/or differentiation, including c-jun and the adenoviral oncoprotein E1A. The protein encoded by this gene associates with p300/CBP. It has in vitro and in vivo binding activity with CBP and p300, and competes with E1A for binding sites in p300/CBP. It has histone acetyl transferase activity with core histones and nucleosome core particles, indicating that this protein plays a direct role in transcriptional regulation. [provided by RefSeq, Jul 2008]