

Product datasheet for **RC207889L2V**

KAT2A (NM_021078) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	KAT2A (NM_021078) Human Tagged ORF Clone Lentiviral Particle
Symbol:	KAT2A
Synonyms:	GCN5; GCN5L2; hGCN5; PCAF-b
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_021078
ORF Size:	2511 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC207889).
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_021078.1
RefSeq Size:	3074 bp
RefSeq ORF:	2514 bp
Locus ID:	2648
UniProt ID:	Q92830
Cytogenetics:	17q21.2
Protein Families:	Transcription Factors
Protein Pathways:	Notch signaling pathway

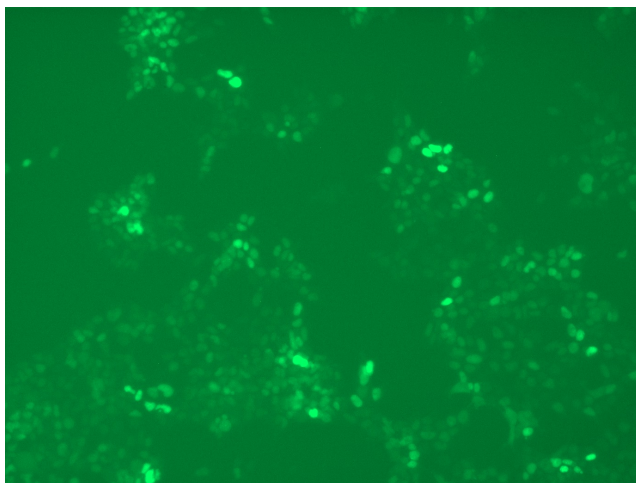


[View online »](#)

MW: 93.7 kDa

Gene Summary: KAT2A, or GCN5, is a histone acetyltransferase (HAT) that functions primarily as a transcriptional activator. It also functions as a repressor of NF-kappa-B (see MIM 164011) by promoting ubiquitination of the NF-kappa-B subunit RELA (MIM 164014) in a HAT-independent manner (Mao et al., 2009 [PubMed 19339690]).[supplied by OMIM, Sep 2009]

Product images:



[RC207889L2] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC207889L2V particle to overexpress human KAT2A-mGFP fusion protein.