

## Product datasheet for **RC200979L3V**

### **JAB1 (COPS5) (NM\_006837) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	JAB1 (COPS5) (NM_006837) Human Tagged ORF Clone Lentiviral Particle
Symbol:	JAB1
Synonyms:	CSN5; JAB1; MOV-34; SGN5
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_006837
ORF Size:	1002 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200979).
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_006837.2</a>
RefSeq Size:	1510 bp
RefSeq ORF:	1005 bp
Locus ID:	10987
UniProt ID:	<a href="#">Q92905</a>
Cytogenetics:	8q13.1
Domains:	JAB_MPN
Protein Families:	Druggable Genome, Protease, Transcription Factors

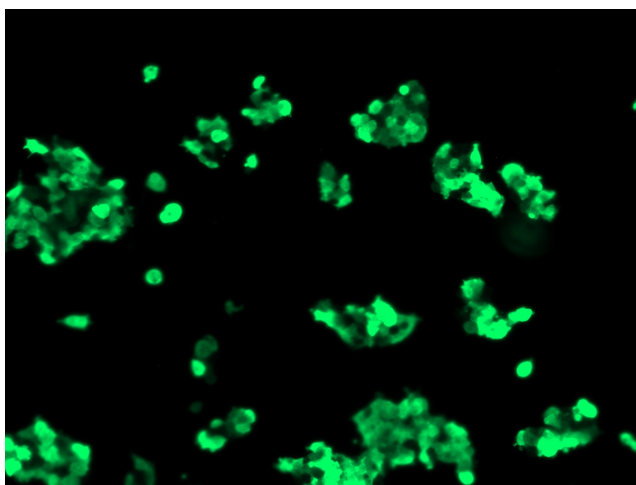


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MW: 37.6 kDa

**Gene Summary:** The protein encoded by this gene is one of the eight subunits of COP9 signalosome, a highly conserved protein complex that functions as an important regulator in multiple signaling pathways. The structure and function of COP9 signalosome is similar to that of the 19S regulatory particle of 26S proteasome. COP9 signalosome has been shown to interact with SCF-type E3 ubiquitin ligases and act as a positive regulator of E3 ubiquitin ligases. This protein is reported to be involved in the degradation of cyclin-dependent kinase inhibitor CDKN1B/p27Kip1. It is also known to be an coactivator that increases the specificity of JUN/AP1 transcription factors. [provided by RefSeq, Jul 2008]

**Product images:**



[RC200979L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC200979L3V particle to overexpress human COPS5-Myc-DDK fusion protein.