

## Product datasheet for **MR216867L3V**

### Cand1 (NM\_027994) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Cand1 (NM_027994) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Cand1
Synonyms:	2310038O07Rik; 6330512O03Rik; AI195005; AI846556; D10Ert516e; mKIAA0829; Tp120a
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_027994
ORF Size:	3690 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR216867).
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_027994.1</a> , <a href="#">NP_082270.1</a>
RefSeq Size:	8209 bp
RefSeq ORF:	3693 bp
Locus ID:	71902
UniProt ID:	<a href="#">Q6ZQ38</a>
Cytogenetics:	10 67.08 cM



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**Gene Summary:**

Key assembly factor of SCF (SKP1-CUL1-F-box protein) E3 ubiquitin ligase complexes that promotes the exchange of the substrate-recognition F-box subunit in SCF complexes, thereby playing a key role in the cellular repertoire of SCF complexes. Acts as a F-box protein exchange factor. The exchange activity of CAND1 is coupled with cycles of neddylation conjugation: in the deneddylated state, cullin-binding CAND1 binds CUL1-RBX1, increasing dissociation of the SCF complex and promoting exchange of the F-box protein. Probably plays a similar role in other cullin-RING E3 ubiquitin ligase complexes (By similarity).  
[UniProtKB/Swiss-Prot Function]