

## Product datasheet for **RC221377L2V**

### **MIB1 (NM\_020774) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	MIB1 (NM_020774) Human Tagged ORF Clone Lentiviral Particle
Symbol:	MIB1
Synonyms:	DIP-1; DIP1; LVNC7; MIB; ZZANK2; ZZZ6
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_020774
ORF Size:	3018 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221377).
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_020774.2</a>
RefSeq Size:	9308 bp
RefSeq ORF:	3021 bp
Locus ID:	57534
UniProt ID:	<a href="#">Q86YT6</a>
Cytogenetics:	18q11.2
Protein Families:	Druggable Genome
MW:	110 kDa



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**Gene Summary:**

This gene encodes a protein containing multiple ankyrin repeats and RING finger domains that functions as an E3 ubiquitin ligase. The encoded protein positively regulates Notch signaling by ubiquitinating the Notch receptors, thereby facilitating their endocytosis. This protein may also promote the ubiquitination and degradation of death-associated protein kinase 1 (DAPK1). [provided by RefSeq, Jun 2013]