

## Product datasheet for **MR227236L4V**

### Mib1 (NM\_144860) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Mib1 (NM_144860) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mib1
Synonyms:	DIP-1; E430019M12Rik; Mib; mKIAA1323
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_144860
ORF Size:	3021 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR227236).
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_144860.2</a> , <a href="#">NP_659109.2</a>
RefSeq Size:	3793 bp
RefSeq ORF:	3021 bp
Locus ID:	225164
UniProt ID:	<a href="#">Q80SY4</a>
Cytogenetics:	18 A1



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**Gene Summary:**

E3 ubiquitin-protein ligase that mediates ubiquitination of Delta receptors, which act as ligands of Notch proteins. Positively regulates the Delta-mediated Notch signaling by ubiquitinating the intracellular domain of Delta, leading to endocytosis of Delta receptors. Involved in ubiquitination of centriolar satellite CEP131, CEP290 and PCM1 proteins and hence inhibits primary cilium formation in proliferating cells. Mediates 'Lys-63'-linked polyubiquitination of TBK1, which probably participates in kinase activation (By similarity). Probably mediates ubiquitination and subsequent proteasomal degradation of DAPK1, thereby antagonizing anti-apoptotic effects of DAPK1 to promote TNF-induced apoptosis. [UniProtKB/Swiss-Prot Function]