

## Product datasheet for **MR209236L4V**

### **KIhl2 (NM\_178633) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	KIhl2 (NM_178633) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	KIhl2
Synonyms:	6030411N21Rik; ABP-KELCH; AU020744; Mav
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_178633
ORF Size:	1782 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR209236).
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_178633.2</a>
RefSeq Size:	3319 bp
RefSeq ORF:	1782 bp
Locus ID:	77113
UniProt ID:	<a href="#">Q8JZP3</a>
Cytogenetics:	8 B3.1



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**Gene Summary:**

Promotes growth of cell projections in oligodendrocyte precursors. Responsible for degradative ubiquitination of the WNK kinases WNK1, WNK3 and WNK4 (By similarity). Component of a cullin-RING-based BCR (BTB-CUL3-RBX1) E3 ubiquitin-protein ligase complex that mediates the ubiquitination of target proteins, such as NPTXR, leading most often to their proteasomal degradation. Plays a role in the reorganization of the actin cytoskeleton. [UniProtKB/Swiss-Prot Function]