

Product datasheet for **MR218529L4V**

KIhl24 (NM_029436) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	KIhl24 (NM_029436) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	KIhl24
Synonyms:	1110046J11Rik; 4930429H24Rik; 6530402O20Rik; C85082
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_029436
ORF Size:	1800 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR218529).
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. More info
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:	NM_029436.3 , NP_083712.4
RefSeq Size:	6683 bp
RefSeq ORF:	1803 bp
Locus ID:	75785
UniProt ID:	Q8BRG6
Cytogenetics:	16 A3



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Gene Summary:

Controls KRT14 levels during keratinocytes differentiation (PubMed:27798626). As part of the BCR(KLHL24) E3 ubiquitin ligase complex, mediates ubiquitination of KRT14 (By similarity). Specifically reduces kainate receptor-mediated currents in hippocampal neurons, most probably by modulating channel properties (By similarity).[UniProtKB/Swiss-Prot Function]