

Product datasheet for **MR218502L4V**

Mak (NM_001145802) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Mak (NM_001145802) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Mak
Synonyms:	A930010O05Rik
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001145802
ORF Size:	1650 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR218502).
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_001145802.1 , NP_001139274.1
RefSeq Size:	3274 bp
RefSeq ORF:	1653 bp
Locus ID:	17152
UniProt ID:	Q04859
Cytogenetics:	13 20.25 cM



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Gene Summary:

Essential for the regulation of ciliary length and required for the long-term survival of photoreceptors. Could have an important function in sensory cells and in spermatogenesis. May participate in signaling pathways used in visual and olfactory sensory transduction. Phosphorylates FZR1 in a cell cycle-dependent manner. Plays a role in the transcriptional coactivation of AR (By similarity).[UniProtKB/Swiss-Prot Function]