

## Product datasheet for **MR204269L4V**

### Afmid (NM\_027827) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Afmid (NM_027827) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Afmid
Synonyms:	9030621K19Rik; Ammd; FKF; formylase; Kf; KFA
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_027827
ORF Size:	918 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR204269).
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_027827.2</a> , <a href="#">NP_082103.1</a>
RefSeq Size:	2332 bp
RefSeq ORF:	918 bp
Locus ID:	71562
UniProt ID:	<a href="#">Q8K4H1</a>
Cytogenetics:	11 E2



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**Gene Summary:**

Catalyzes the hydrolysis of N-formyl-L-kynurenine to L-kynurenine, the second step in the kynurenine pathway of tryptophan degradation. Kynurenine may be further oxidized to nicotinic acid, NAD(H) and NADP(H). Required for elimination of toxic metabolites.  
[UniProtKB/Swiss-Prot Function]