

## Product datasheet for **MR215648L4V**

### 2010111I01Rik (NM\_028079) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	2010111I01Rik (NM_028079) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	2010111I01Rik
Synonyms:	2300006M17Rik; Aopep; AP-O
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_028079
ORF Size:	2472 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR215648).
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_028079.2</a> , <a href="#">NP_082355.1</a>
RefSeq Size:	3509 bp
RefSeq ORF:	2472 bp
Locus ID:	72061
Cytogenetics:	13 B3



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**Gene Summary:**

Aminopeptidases catalyze the hydrolysis of amino acid residues from the N-terminus of peptide or protein substrates. Able to cleave angiotensin III to generate angiotensin IV, a bioactive peptide of the renin-angiotensin pathway. Not able to cleave angiotensin I and angiotensin II. May play a role in the proteolytic processing of bioactive peptides in tissues such as testis and heart.[UniProtKB/Swiss-Prot Function]