

## Product datasheet for **MR211761L4V**

### Lars (NM\_134137) Mouse Tagged ORF Clone Lentiviral Particle

#### Product data:

Product Type:	Lentiviral Particles
Product Name:	Lars (NM_134137) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Lars
Synonyms:	2310045K21Rik; 3110009L02Rik; AW536573; mKIAA1352
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_134137
ORF Size:	3534 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR211761).
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_134137.2</a>
RefSeq Size:	3845 bp
RefSeq ORF:	3537 bp
Locus ID:	107045
UniProt ID:	<a href="#">Q8BMJ2</a>
Cytogenetics:	18 B3



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**Gene Summary:**

Catalyzes the specific attachment of an amino acid to its cognate tRNA in a two step reaction: the amino acid (AA) is first activated by ATP to form AA-AMP and then transferred to the acceptor end of the tRNA. Exhibits a post-transfer editing activity to hydrolyze mischarged tRNAs.[UniProtKB/Swiss-Prot Function]