

## Product datasheet for **MR201740L3V**

### **Arl8a (NM\_026823) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	Arl8a (NM_026823) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Arl8a
Synonyms:	1110033P22Rik; Arl10b; gie2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_026823
ORF Size:	558 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR201740).
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_026823.2</a> , <a href="#">NP_081099.1</a>
RefSeq Size:	1702 bp
RefSeq ORF:	561 bp
Locus ID:	68724
UniProt ID:	<a href="#">Q8VEH3</a>
Cytogenetics:	1 E4



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**Gene Summary:**

Plays a role in lysosomes motility (PubMed:30174114). In neurons, mediates the anterograde axonal long-range transport of presynaptic lysosome-related vesicles required for presynaptic biogenesis and synaptic function (PubMed:30174114). May play a role in chromosome segregation (By similarity).[UniProtKB/Swiss-Prot Function]