

## Product datasheet for **MR206808L4V**

### **Arl13b (NM\_026577) Mouse Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

|                           |  |
|---------------------------|--|
| Product Type:             | Lentiviral Particles   |
| Product Name:             | Arl13b (NM_026577) Mouse Tagged ORF Clone Lentiviral Particle  |
| Symbol:                   | Arl13b   |
| Synonyms:                 | A530097K21Rik; A930014M17Rik; Arl2l1; C530009C10Rik; hnn   |
| Mammalian Cell Selection: | Puromycin  |
| Vector:                   | pLenti-C-mGFP-P2A-Puro (PS100093)  |
| Tag:                      | mGFP   |
| ACCN:                     | NM_026577  |
| ORF Size:                 | 1284 bp  |
| ORF Nucleotide Sequence:  | The ORF insert of this clone is exactly the same as(MR206808).   |
| 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_026577.2</a> , <a href="#">NP_080853.2</a>  |
| RefSeq Size:              | 3541 bp  |
| RefSeq ORF:               | 1284 bp  |
| Locus ID:                 | 68146  |
| UniProt ID:               | <a href="#">Q640N2</a>   |
| Cytogenetics:             | 16 C1.3  |



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**Gene Summary:**

Cilium-specific protein required to control the microtubule-based, ciliary axoneme structure. May act by maintaining the association between IFT subcomplexes A and B. Binds GTP but is not able to hydrolyze it; the GTPase activity remains unclear. Required to pattern the neural tube. Involved in cerebral cortex development: required for the initial formation of a polarized radial glial scaffold, the first step in the construction of the cerebral cortex, by regulating ciliary signaling (PubMed:23817546). Regulates the migration and placement of postmitotic interneurons in the developing cerebral cortex (PubMed:23153492).  
[UniProtKB/Swiss-Prot Function]