

Product datasheet for **RC229892L4V**

ARL13B (NM_001174151) Human Tagged ORF Clone Lentiviral Particle

Product data:

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| Product Type: | Lentiviral Particles |
| Product Name: | ARL13B (NM_001174151) Human Tagged ORF Clone Lentiviral Particle |
| Symbol: | ARL13B |
| Synonyms: | ARL2L1; JBTS8 |
| Mammalian Cell Selection: | Puromycin |
| Vector: | pLenti-C-mGFP-P2A-Puro (PS100093) |
| Tag: | mGFP |
| ACCN: | NM_001174151 |
| ORF Size: | 975 bp |
| ORF Nucleotide Sequence: | The ORF insert of this clone is exactly the same as(RC229892). |
| 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. More info |
| 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: | NM_001174151.1 , NP_001167622.1 |
| RefSeq ORF: | 978 bp |
| Locus ID: | 200894 |
| UniProt ID: | Q3SXY8 |
| Cytogenetics: | 3q11.1-q11.2 |
| MW: | 37.5 kDa |



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Gene Summary:

This gene encodes a member of the ADP-ribosylation factor-like family. The encoded protein is a small GTPase that contains both N-terminal and C-terminal guanine nucleotide-binding motifs. This protein is localized in the cilia and plays a role in cilia formation and in maintenance of cilia. Mutations in this gene are the cause of Joubert syndrome 8. Alternate splicing results in multiple transcript variants. [provided by RefSeq, Mar 2010]