

Product datasheet for **RC221949L4V**

ARL13B (NM_182896) Human Tagged ORF Clone Lentiviral Particle

Product data:

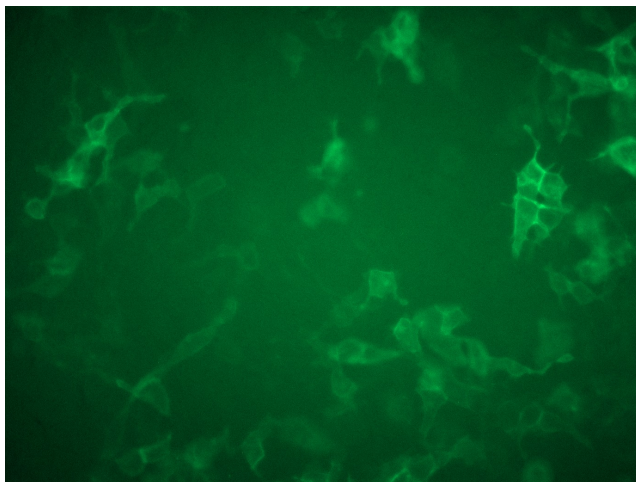
Product Type:	Lentiviral Particles
Product Name:	ARL13B (NM_182896) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ARL13B
Synonyms:	ARL2L1; JBTS8
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_182896
ORF Size:	1284 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC221949).
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_182896.1
RefSeq Size:	3451 bp
RefSeq ORF:	1287 bp
Locus ID:	200894
UniProt ID:	Q3SXY8
Cytogenetics:	3q11.1-q11.2
MW:	48.5 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]

Product images:

[RC221949L4] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC221949L4V particle to overexpress human ARL13B-mGFP fusion protein.