

Product datasheet for RC205966L4

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OriGene Technologies, Inc.

ARL6 (NM_032146) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: ARL6 (NM_032146) Human Tagged Lenti ORF Clone

Tag: mGFP Symbol: ARL6

Synonyms: BBS3; RP55
Mammalian Cell Puromycin

Selection:

Vector: pLenti-C-mGFP-P2A-Puro (PS100093)

E. coli Selection: Chloramphenicol (34 ug/mL)

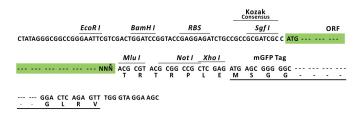
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC205966).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





^{*} The last codon before the Stop codon of the ORF.

ACCN: NM_032146

ORF Size: 558 bp





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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.

Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube

containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

Reconstitution Method: 1. Centrifuge at 5,000xg for 5min.

2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.

3. Close the tube and incubate for 10 minutes at room temperature.

4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid

at the bottom.

5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of

shipping when stored at -20°C.

RefSeq: <u>NM 032146.3</u>

 RefSeq Size:
 1630 bp

 RefSeq ORF:
 561 bp

 Locus ID:
 84100

 UniProt ID:
 Q9H0F7

Cytogenetics: 3q11.2

Domains: SAR, ARF, arf MW: 21.1 kDa

Gene Summary: The protein encoded by this gene belongs to the ARF-like (ADP ribosylation factor-like) sub-

family of the ARF family of GTP-binding proteins which are involved in regulation of

intracellular traffic. Mutations in this gene are associated with Bardet-Biedl syndrome (BBS). A

vision-specific transcript, encoding long isoform BBS3L, has been described (PMID:

20333246). [provided by RefSeq, Apr 2016]