

# **Product datasheet for RC201681L3**

#### OriGene Technologies, Inc.

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## ARMER (ARL6IP1) (NM\_015161) Human Tagged Lenti ORF Clone

### **Product data:**

**Product Type:** Expression Plasmids

Product Name: ARMER (ARL6IP1) (NM\_015161) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: ARMER

Synonyms: AIP1; ARL6IP; ARMER; SPG61

Mammalian Cell Puromycin

Selection:

**Vector:** pLenti-C-Myc-DDK-P2A-Puro (PS100092)

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

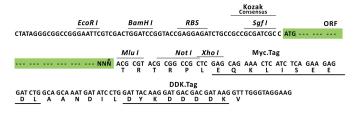
ORF Nucleotide The ORF insert of this clone is exactly the same as(RC201681).

Sequence:

Restriction Sites: Sgfl-Mlul

**Cloning Scheme:** 





<sup>\*</sup> The last codon before the Stop codon of the ORF.

**ACCN:** NM\_015161

ORF Size: 609 bp



### ARMER (ARL6IP1) (NM\_015161) Human Tagged Lenti ORF Clone - RC201681L3

**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 015161.1</u>

 RefSeq Size:
 2280 bp

 RefSeq ORF:
 612 bp

 Locus ID:
 23204

 UniProt ID:
 Q15041

 Cytogenetics:
 16p12.3

**Protein Families:** Transmembrane

MW: 23.4 kDa

**Gene Summary:** This gene belongs to the ARL6ip family and encodes a transmembrane protein that is

predominantly localized to intracytoplasmic membranes. It is highly expressed in early myeloid progenitor cells and thought to be involved in protein transport, membrane trafficking, or cell signaling during hematopoietic maturation. Mutations in this gene are associated with spastic paraplegia 61 (SPG61). Alternatively spliced transcript variants have

been found for this gene. [provided by RefSeq, Sep 2015]