

### Product datasheet for RC225592L4

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# ART3 (NM\_001130016) Human Tagged Lenti ORF Clone

#### **Product data:**

**Product Type:** Expression Plasmids

Product Name: ART3 (NM\_001130016) Human Tagged Lenti ORF Clone

Tag: mGFP
Symbol: ART3
Synonyms: ARTC3

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 clon

Sequence:

The ORF insert of this clone is exactly the same as(RC225592).

**Restriction Sites:** Sgfl-Mlul

**Cloning Scheme:** 





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

ACCN: NM\_001130016

ORF Size: 1167 bp





#### ART3 (NM\_001130016) Human Tagged Lenti ORF Clone - RC225592L4

**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 001130016.1</u>

RefSeq ORF: 1170 bp

Locus ID: 419

UniProt ID: Q13508

Cytogenetics: 4p15.1-p14

**Protein Families:** Transmembrane

MW: 43.7 kDa

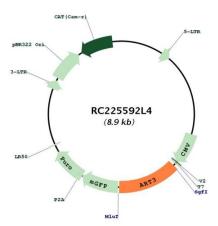
**Gene Summary:** This gene encodes an arginine-specific ADP-ribosyltransferase. The encoded protein catalyzes

a reversible reaction which modifies proteins by the addition or removal of ADP-ribose to an arginine residue to regulate the function of the modified protein. An ADP-ribosyltransferase pseudogene is located on chromosome 11. Multiple transcript variants encoding different

isoforms have been found for this gene. [provided by RefSeq, Dec 2011]



## **Product images:**



Circular map for RC225592L4