

## **Product datasheet for RR215227L4**

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OriGene Technologies, Inc.

## Ampd2 (NM\_001101681) Rat Tagged Lenti ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

**Product Name:** Ampd2 (NM\_001101681) Rat Tagged Lenti ORF Clone

Tag: mGFP
Symbol: Ampd2
Synonyms: Ampd

Mammalian Cell Puromycin

Selection:

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

Sgfl-Mlul

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

ORF Nucleotide The ORF insert of this clone is exactly the same as(RR215227).

Sequence:

Restriction Sites:

Cloning Scheme:

Cloning sites used for ORF Shuttling:





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

ACCN: NM\_001101681

ORF Size: 2472 bp





**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 001101681.2</u>, <u>NP 001095151.1</u>

 RefSeq Size:
 3387 bp

 RefSeq ORF:
 2475 bp

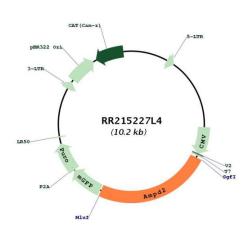
 Locus ID:
 362015

 UniProt ID:
 Q02356

 Cytogenetics:
 2q34

**Gene Summary:** catalyzes the conversion of AMP to IMP [RGD, Feb 2006]

## **Product images:**



Circular map for RR215227L4