

## Product datasheet for RC204540L4

#### 9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

OriGene Technologies, Inc.

### AHCYL2 (NM\_015328) Human Tagged Lenti ORF Clone

**Product data:** 

**Product Type:** Expression Plasmids

Product Name: AHCYL2 (NM 015328) Human Tagged Lenti ORF Clone

Tag: mGFP

Symbol: AHCYL2

Synonyms: ADOHCYASE3; IRBIT2

Mammalian Cell

Selection:

Vector:

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

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

Puromycin

ORF Nucleotide The ORF insert of this clo

Sequence:

The ORF insert of this clone is exactly the same as(RC204540).

**Restriction Sites:** Sgfl-Mlul

**Cloning Scheme:** 





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

**ACCN:** NM\_015328

ORF Size: 1833 bp





#### AHCYL2 (NM\_015328) Human Tagged Lenti ORF Clone - RC204540L4

**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 015328.1</u>

 RefSeq Size:
 5075 bp

 RefSeq ORF:
 1836 bp

 Locus ID:
 23382

 UniProt ID:
 Q96HN2

 Cytogenetics:
 7q32.1

**Domains:** AdoHcyase

**Protein Families:** Druggable Genome

**Protein Pathways:** Cysteine and methionine metabolism, Metabolic pathways, Selenoamino acid metabolism

**MW:** 66.7 kDa

**Gene Summary:** The protein encoded by this gene acts as a homotetramer and may be involved in the

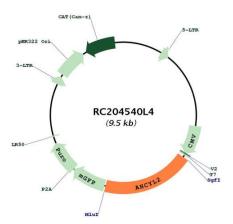
conversion of S-adenosyl-L-homocysteine to L-homocysteine and adenosine. Several

transcript variants encoding different isoforms have been found for this gene. [provided by

RefSeq, Jun 2011]



# **Product images:**



Circular map for RC204540L4