

Product datasheet for RR207415L3

Abcd2 (NM_033352) Rat Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Abcd2 (NM_033352) Rat Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: Abcd2

Mammalian Cell Puromycin

Selection:

Synonyms:

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

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

ALDR

ORF Nucleotide The ORF insert of this clone is exactly the same as(RR207415).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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



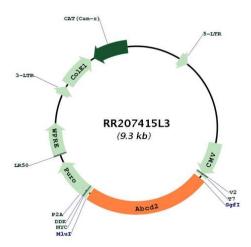
OriGene Technologies, Inc. 9620 Medical Center Drive, Ste 200

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



Plasmid Map:



ACCN: NM_033352

ORF Size: 2223 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 033352.1, NP 203503.1</u>

RefSeq Size: 5531 bp RefSeq ORF: 2226 bp



Abcd2 (NM_033352) Rat Tagged Lenti ORF Clone - RR207415L3

 Locus ID:
 84356

 UniProt ID:
 Q9QY44

 Cytogenetics:
 7q35

Gene Summary: ATP-binding cassette (ABC) peroxisomal half-transporter that assembles with ALDRP to form

a functional heterodimer; mutation in ABCD proteins causes X-linked adrenoleukodystrophy

[RGD, Feb 2006]