

Product datasheet for RC228797L3

OriGene Technologies, Inc.

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AADACL1 (NCEH1) (NM_001146278) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: AADACL1 (NCEH1) (NM_001146278) Human Tagged Lenti ORF Clone

Tag: Myc-DDK
Symbol: AADACL1

Synonyms: AADACL1; NCEH

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(RC228797).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_001146278

ORF Size: 1323 bp





AADACL1 (NCEH1) (NM_001146278) Human Tagged Lenti ORF Clone - RC228797L3

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 001146278.1</u>, <u>NP 001139750.1</u>

 RefSeq Size:
 4065 bp

 RefSeq ORF:
 828 bp

 Locus ID:
 57552

 UniProt ID:
 Q6PIU2

 Cytogenetics:
 3q26.31

Protein Families: Transmembrane

MW: 49.1 kDa

Gene Summary: Hydrolyzes 2-acetyl monoalkylglycerol ether, the penultimate precursor of the pathway for de

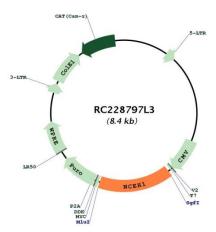
novo synthesis of platelet-activating factor. May be responsible for cholesterol ester

hydrolysis in macrophages, thereby contributing to the development of atherosclerosis. Also involved in organ detoxification by hydrolyzing exogenous organophosphorus compounds. May contribute to cancer pathogenesis by promoting tumor cell migration. [UniProtKB/Swiss-

Prot Function]



Product images:



Circular map for RC228797L3