

Product datasheet for RC225454L3

OriGene Technologies, Inc.

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ALP (PDLIM3) (NM_001114107) Human Tagged Lenti ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: ALP (PDLIM3) (NM_001114107) Human Tagged Lenti ORF Clone

Tag: Myc-DDK

Symbol: ALP

Synonyms: ALP

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(RC225454).

Sequence:

Restriction Sites: Sgfl-Mlul

Cloning Scheme:





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

ACCN: NM_001114107

ORF Size: 948 bp



ALP (PDLIM3) (NM_001114107) Human Tagged Lenti ORF Clone - RC225454L3

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 001114107.4</u>

 RefSeq Size:
 2709 bp

 RefSeq ORF:
 951 bp

 Locus ID:
 27295

 UniProt ID:
 Q53GG5

 Cytogenetics:
 4q35.1

MW: 34.3 kDa

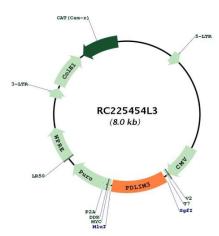
Gene Summary: The protein encoded by this gene contains a PDZ domain and a LIM domain, indicating that it

may be involved in cytoskeletal assembly. In support of this, the encoded protein has been shown to bind the spectrin-like repeats of alpha-actinin-2 and to colocalize with alpha-actinin-2 at the Z lines of skeletal muscle. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. Aberrant alternative splicing of this gene may play

a role in myotonic dystrophy. [provided by RefSeq, Apr 2012]



Product images:



Circular map for RC225454L3