

Product datasheet for RC212972L3V

OriGene Technologies, Inc.

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ALP (PDLIM3) (NM_014476) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: ALP (PDLIM3) (NM_014476) Human Tagged ORF Clone Lentiviral Particle

Symbol: ALP Synonyms: ALP

Mammalian Cell Puromycin

Selection:

Vector:

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

 Tag:
 Myc-DDK

 ACCN:
 NM_014476

 ORF Size:
 1092 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC212972).

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Sequence:

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.

RefSeg: NM 014476.1

 RefSeq Size:
 1722 bp

 RefSeq ORF:
 1095 bp

 Locus ID:
 27295

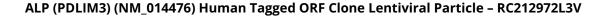
 UniProt ID:
 Q53GG5

 Cytogenetics:
 4q35.1

Domains: PDZ, LIM, ZM

MW: 39.1 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]