

Product datasheet for RC229034L4V

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

ALIX (PDCD6IP) (NM_001162429) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: ALIX (PDCD6IP) (NM_001162429) Human Tagged ORF Clone Lentiviral Particle

Symbol: PDCD6IP

Synonyms: AIP1; ALIX; DRIP4; HP95

Mammalian Cell

Selection:

Puromycin

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

Tag: mGFP

ACCN: NM_001162429

ORF Size: 2619 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC229034).

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.

RefSeq: NM 001162429.2, NP 001155901.1

 RefSeq Size:
 5987 bp

 RefSeq ORF:
 2622 bp

 Locus ID:
 10015

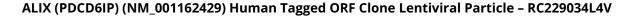
 UniProt ID:
 Q8WUM4

Cytogenetics: 3p22.3

Protein Families: Druggable Genome

Protein Pathways: Endocytosis





MW:

ORIGENE

96.8 kDa

Gene Summary:

This gene encodes a protein that functions within the ESCRT pathway in the abscission stage of cytokinesis, in intralumenal endosomal vesicle formation, and in enveloped virus budding. Studies using mouse cells have shown that overexpression of this protein can block apoptosis. In addition, the product of this gene binds to the product of the PDCD6 gene, a protein required for apoptosis, in a calcium-dependent manner. This gene product also binds to endophilins, proteins that regulate membrane shape during endocytosis. Overexpression of this gene product and endophilins results in cytoplasmic vacuolization, which may be partly responsible for the protection against cell death. Several alternatively spliced transcript variants encoding different isoforms have been found for this gene. Related pseudogenes have been identified on chromosome 15. [provided by RefSeq, Jan 2012]