

Product datasheet for RC208413L4V

OriGene Technologies, Inc.

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C11ORF46 (ARL14EP) (NM 152316) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: C11ORF46 (ARL14EP) (NM_152316) Human Tagged ORF Clone Lentiviral Particle

Symbol: C110RF46

Synonyms: ARF7EP; C11orf46; dJ299F11.1

Mammalian Cell

Selection:

Puromycin

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

Tag: mGFP

ACCN: NM_152316

ORF Size: 780 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC208413).

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: <u>NM 152316.1</u>

 RefSeq Size:
 2395 bp

 RefSeq ORF:
 783 bp

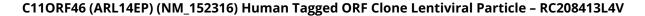
 Locus ID:
 120534

 UniProt ID:
 Q8N8R7

 Cytogenetics:
 11p14.1

MW: 29.3 kDa







Gene Summary:

The protein encoded by this gene is an effector protein. It interacts with ADP-ribosylation factor-like 14 [ARL14, also known as ADP-ribosylation factor 7 (ARF7)], beta-actin (ACTB) and actin-based motor protein myosin 1E (MYO1E). ARL14 is a small GTPase; it controls the export of major histocompatibility class II molecules by connecting to the actin network via this effector protein. [provided by RefSeq, Sep 2014]