

Product datasheet for RC226057L4V

OriGene Technologies, Inc.

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ARHGEF7 (NM 001113513) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: ARHGEF7 (NM_001113513) Human Tagged ORF Clone Lentiviral Particle

Symbol:

BETA-PIX; COOL-1; COOL1; Nbla10314; P50; P50BP; P85; P85COOL1; P85SPR; PAK3; PIXB Synonyms:

Mammalian Cell

Selection:

Puromycin

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

mGFP Tag:

NM 001113513 ACCN:

ORF Size: 1938 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC226057).

Sequence: OTI Disclaimer:

Cytogenetics:

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.

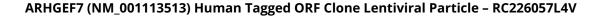
RefSeq: NM 001113513.1

RefSeq ORF: 1941 bp Locus ID: 8874 **UniProt ID:** Q14155

13q34 **Protein Pathways:** Regulation of actin cytoskeleton

73 kDa MW:







Gene Summary:

This gene encodes a protein that belongs to a family of cytoplasmic proteins that activate the Ras-like family of Rho proteins by exchanging bound GDP for GTP. It forms a complex with the small GTP binding protein Rac1 and recruits Rac1 to membrane ruffles and to focal adhesions. Multiple alternatively spliced transcript variants encoding different isoforms have been observed for this gene. [provided by RefSeq, Mar 2016]