

Product datasheet for RC226057L3V

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: ARHGEF7

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

Mammalian Cell

Selection:

Puromycin

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

Tag: Myc-DDK

ACCN: NM_001113513

ORF Size: 1938 bp

ORF Nucleotide

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

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 001113513.1</u>

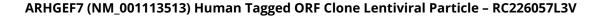
RefSeq ORF: 1941 bp Locus ID: 8874

UniProt ID: Q14155
Cytogenetics: 13q34

Protein Pathways: Regulation of actin cytoskeleton

MW: 73 kDa







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]