

Product datasheet for RC214858L4V

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

RTCD1 (RTCA) (NM_003729) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: RTCD1 (RTCA) (NM 003729) Human Tagged ORF Clone Lentiviral Particle

Symbol: RTCD1

Synonyms: RPC; RTC1; RTCD1

Mammalian Cell

Selection:

Puromycin

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

Tag: mGFP

ACCN: NM_003729 **ORF Size:** 1098 bp

ORF Nucleotide

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Sequence:
OTI Disclaimer:

The ORF insert of this clone is exactly the same as(RC214858).

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 003729.1</u>

RefSeq Size: 1539 bp
RefSeq ORF: 1101 bp
Locus ID: 8634

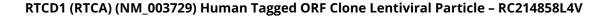
 UniProt ID:
 000442

 Cytogenetics:
 1p21.2

Domains: RTC

MW: 39.2 kDa







Gene Summary:

This gene encodes a member of the RNA 3'-phosphate cyclase family. The encoded protein plays a role in RNA metabolism by catalyzing the ATP-dependent conversion of the 3'-phosphate of RNA substrates to a 2',3'-cyclic phosphodiester. Alternatively spliced transcript variants encoding multiple isoforms have been observed for this gene. [provided by RefSeq, Feb 2012]