

Product datasheet for RC212440L4V

OriGene Technologies, Inc.

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CENTG3 (AGAP3) (NM_031946) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type: Lentiviral Particles

Product Name: CENTG3 (AGAP3) (NM 031946) Human Tagged ORF Clone Lentiviral Particle

Symbol: CENTG3

Synonyms: AGAP-3; CENTG3; cnt-g3; CRAG; MRIP-1

Mammalian Cell

Selection:

Puromycin

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

Tag: mGFP

ACCN: NM_031946 **ORF Size:** 2733 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC212440).

OTI Disclaimer:

Sequence:

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.

RefSeg: NM 031946.4

 RefSeq Size:
 3247 bp

 RefSeq ORF:
 2736 bp

 Locus ID:
 116988

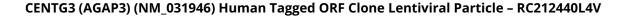
 UniProt ID:
 Q96P47

 Cytogenetics:
 7q36.1

Domains: ArfGap, PH, ANK, RAS, RAB

MW: 97.8 kDa







Gene Summary:

This gene encodes an essential component of the N-methyl-D-aspartate (NMDA) receptor signaling complex which mediates long-term potentiation in synapses by linking activation of NMDA receptor to alpha-amino-3-hydroxy-5-methyl-4-isoxazolepropionic acid (AMPA) receptor trafficking. The encoded protein contains an N-terminal GTPase-like domain, a pleckstrin homology domain, an ArfGAP domain and several C-terminal ankryn repeat domains. [provided by RefSeq, Apr 2017]