

Product datasheet for **RC212440L4V**

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



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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]