

Product datasheet for **RC210308L4V**

PI 3 Kinase regulatory subunit 4 (PIK3R4) (NM_014602) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PI 3 Kinase regulatory subunit 4 (PIK3R4) (NM_014602) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PI 3 Kinase regulatory subunit 4
Synonyms:	p150; VPS15
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_014602
ORF Size:	4074 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC210308).
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_014602.1
RefSeq Size:	5078 bp
RefSeq ORF:	4077 bp
Locus ID:	30849
UniProt ID:	Q99570
Cytogenetics:	3q22.1
Domains:	pkinaase, WD40, S_TKc



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Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	Regulation of autophagy
MW:	153.1 kDa
Gene Summary:	Regulatory subunit of the PI3K complex that mediates formation of phosphatidylinositol 3-phosphate; different complex forms are believed to play a role in multiple membrane trafficking pathways: PI3KC3-C1 is involved in initiation of autophagosomes and PI3KC3-C2 in maturation of autophagosomes and endocytosis. Involved in regulation of degradative endocytic trafficking and cytokinesis, probably in the context of PI3KC3-C2 (PubMed:20643123).[UniProtKB/Swiss-Prot Function]