

Product datasheet for **RC216024L2V**

RIP (RIPK1) (NM_003804) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RIP (RIPK1) (NM_003804) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RIP
Synonyms:	AIEFL; IMD57; RIP; RIP-1; RIP1
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_003804
ORF Size:	2013 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216024).
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_003804.3
RefSeq Size:	3864 bp
RefSeq ORF:	2016 bp
Locus ID:	8737
UniProt ID:	Q13546
Cytogenetics:	6p25.2
Domains:	DEATH, pkinase, TyrKc, S_TKc
Protein Families:	Druggable Genome, Protein Kinase



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Protein Pathways: Apoptosis, Cytosolic DNA-sensing pathway, RIG-I-like receptor signaling pathway, Toll-like receptor signaling pathway

MW: 75.8 kDa

Gene Summary: This gene encodes a member of the receptor-interacting protein (RIP) family of serine/threonine protein kinases. The encoded protein plays a role in inflammation and cell death in response to tissue damage, pathogen recognition, and as part of developmental regulation. RIPK1/RIPK3 kinase-mediated necrosis is referred to as necroptosis. Genetic disruption of this gene in mice results in death shortly after birth. [provided by RefSeq, Aug 2017]