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Product datasheet for RC209549L3V

RIP3 (RIPK3) (NM_006871) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	RIP3 (RIPK3) (NM_006871) Human Tagged ORF Clone Lentiviral Particle
Symbol:	RIPK3
Synonyms:	RIP3
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_006871
ORF Size:	1554 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC209549).
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_006871.3
RefSeq Size:	1940 bp
RefSeq ORF:	1557 bp
Locus ID:	11035
UniProt ID:	Q9Y572
Cytogenetics:	14q12
Protein Families:	Druggable Genome, Protein Kinase
Protein Pathways:	Cytosolic DNA-sensing pathway

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MW: 56.9 kDa

Gene Summary: The product of this gene is a member of the receptor-interacting protein (RIP) family of serine/threonine protein kinases, and contains a C-terminal domain unique from other RIP family members. The encoded protein is predominantly localized to the cytoplasm, and can undergo nucleocytoplasmic shuttling dependent on novel nuclear localization and export signals. It is a component of the tumor necrosis factor (TNF) receptor-I signaling complex, and can induce apoptosis and weakly activate the NF-kappaB transcription factor. [provided by RefSeq, Jul 2008]