OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for RC206522L3V

VRK2 (NM_006296) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	VRK2 (NM_006296) Human Tagged ORF Clone Lentiviral Particle
Symbol:	VRK2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_006296
ORF Size:	1524 bp
ORF Nucleotide Sequence:	`The ORF insert of this clone is exactly the same as(RC206522).`
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_006296.3
RefSeq Size:	1986 bp
RefSeq ORF:	1527 bp
Locus ID:	7444
UniProt ID:	Q86Y07
Cytogenetics:	2p16.1
Domains:	pkinase, S_TKc
Protein Families:	Druggable Genome, Protein Kinase, Transmembrane
MW:	58.1 kDa

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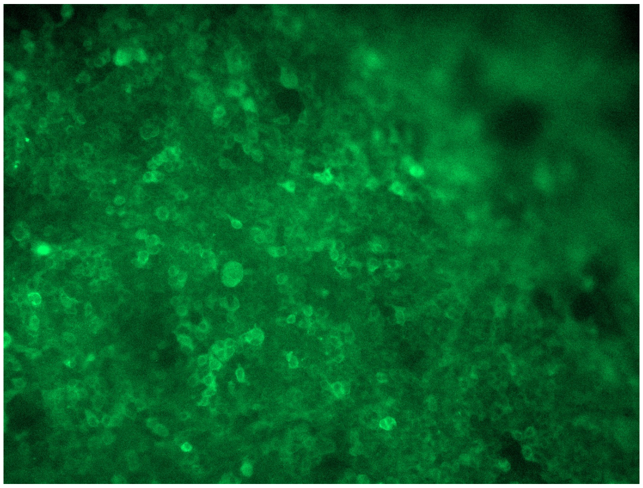
Gene Summary: This gene encodes a member of the vaccinia-related kinase (VRK) family of serine/threonine protein kinases. The encoded protein acts as an effector of signaling pathways that regulate apoptosis and tumor cell growth. Variants in this gene have been associated with schizophrenia. Alternative splicing results in multiple transcript variants that differ in their subcellular localization and biological activity. [provided by RefSeq, Jan 2014]

Product images:



[RC206522L3] was used to prepare Lentiviral particles using [TR30037] packaging kit. HEK293T cells were transduced with RC206522L3V particle to overexpress human VRK2-Myc-DDK fusion protein.