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Product datasheet for RC216454L4V

ICK (CILK1) (NM_016513) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	ICK (CILK1) (NM_016513) Human Tagged ORF Clone Lentiviral Particle
Symbol:	CILK1
Synonyms:	ECO; EJM10; hICK; ICK; LCK2; MRK
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_016513
ORF Size:	1896 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC216454).
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_016513.3
RefSeq Size:	6228 bp
RefSeq ORF:	1899 bp
Locus ID:	22858
UniProt ID:	Q9UPZ9
Cytogenetics:	6p12.1
Protein Families:	Druggable Genome, Protein Kinase
MW:	71.2 kDa

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Gene Summary: Eukaryotic protein kinases are enzymes that belong to a very extensive family of proteins which share a conserved catalytic core common with both serine/threonine and tyrosine protein kinases. This gene encodes an intestinal serine/threonine kinase harboring a dual phosphorylation site found in mitogen-activating protein (MAP) kinases. The protein localizes to the intestinal crypt region and is thought to be important in intestinal epithelial cell proliferation and differentiation. Alternative splicing has been observed at this locus and two variants, encoding the same isoform, have been identified. [provided by RefSeq, Jul 2008]