

Product datasheet for **RC201544L4V**

Integrin Linked Kinase (ILK) (NM_004517) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Integrin Linked Kinase (ILK) (NM_004517) Human Tagged ORF Clone Lentiviral Particle
Symbol:	Integrin Linked Kinase
Synonyms:	HEL-S-28; ILK-1; ILK-2; P59; p59ILK
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_004517
ORF Size:	1356 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201544).
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_004517.2
RefSeq Size:	1843 bp
RefSeq ORF:	1359 bp
Locus ID:	3611
UniProt ID:	Q13418
Cytogenetics:	11p15.4
Domains:	pkinese, TyrKc, ANK, S_TKc
Protein Families:	Druggable Genome, Protein Kinase



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Protein Pathways: Endometrial cancer, Focal adhesion, PPAR signaling pathway

MW: 51.4 kDa

Gene Summary: This gene encodes a protein with a kinase-like domain and four ankyrin-like repeats. The encoded protein associates at the cell membrane with the cytoplasmic domain of beta integrins, where it regulates integrin-mediated signal transduction. Activity of this protein is important in the epithelial to mesenchymal transition, and over-expression of this gene is implicated in tumor growth and metastasis. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jun 2013]