

## Product datasheet for **RC201456L4V**

### **ILKAP (NM\_030768) Human Tagged ORF Clone Lentiviral Particle**

#### **Product data:**

Product Type:	Lentiviral Particles
Product Name:	ILKAP (NM_030768) Human Tagged ORF Clone Lentiviral Particle
Symbol:	ILKAP
Synonyms:	ILKAP2; ILKAP3; PP2C-DELTA; PP2CD; PPM1O
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_030768
ORF Size:	1176 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC201456).
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. <a href="#">More info</a>
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:	<a href="#">NM_030768.2</a>
RefSeq Size:	1480 bp
RefSeq ORF:	1179 bp
Locus ID:	80895
UniProt ID:	<a href="#">Q9H0C8</a>
Cytogenetics:	2q37.3
Domains:	PP2C
Protein Families:	Druggable Genome, Phosphatase



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**MW:** 42.9 kDa

**Gene Summary:** The protein encoded by this gene is a protein serine/threonine phosphatase of the PP2C family. This protein can interact with integrin-linked kinase (ILK/ILK1), a regulator of integrin mediated signaling, and regulate the kinase activity of ILK. Through the interaction with ILK, this protein may selectively affect the signaling process of ILK-mediated glycogen synthase kinase 3 beta (GSK3beta), and thus participate in Wnt signaling pathway. [provided by RefSeq, Jul 2008]