Product datasheet for RC206021L3V

APPL (APPL1) (NM_012096) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	APPL (APPL1) (NM_012096) Human Tagged ORF Clone Lentiviral Particle
Symbol:	APPL
Synonyms:	APPL; DIP13alpha; MODY14
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_012096
ORF Size:	2127 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC206021).
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_012096.2
RefSeq Size:	6061 bp
RefSeq ORF:	2130 bp
Locus ID:	26060
UniProt ID:	Q9UKG1
Cytogenetics:	3p14.3
Domains:	PH, PID
Protein Pathways:	Colorectal cancer, Pathways in cancer

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MW: 79.7 kDa

Gene Summary: The protein encoded by this gene has been shown to be involved in the regulation of cell proliferation, and in the crosstalk between the adiponectin signalling and insulin signalling pathways. The encoded protein binds many other proteins, including RAB5A, DCC, AKT2, PIK3CA, adiponectin receptors, and proteins of the NuRD/MeCP1 complex. This protein is found associated with endosomal membranes, but can be released by EGF and translocated to the nucleus. [provided by RefSeq, Jul 2008]