Product datasheet for MR220626L3V

Pik3ap1 (NM_031376) Mouse Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	Pik3ap1 (NM_031376) Mouse Tagged ORF Clone Lentiviral Particle
Symbol:	Pik3ap1
Synonyms:	1810044J04Rik; BCAP
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_031376
ORF Size:	2433 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(MR220626).
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_031376.3
RefSeq Size:	2615 bp
RefSeq ORF:	2436 bp
Locus ID:	83490
UniProt ID:	Q9EQ32
Cytogenetics:	19 C3

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Gene Summary: Signaling adapter that contributes to B-cell development by linking B-cell receptor (BCR) signaling to the phosphoinositide 3-kinase (PI3K)-Akt signaling pathway. Has a complementary role to the BCR coreceptor CD19, coupling BCR and PI3K activation by providing a docking site for the PI3K subunit PIK3R1. Alternatively, links Toll-like receptor (TLR) signaling to PI3K activation, a process preventing excessive inflammatory cytokine production. Also involved in the activation of PI3K in natural killer cells. May be involved in the survival of mature B-cells via activation of REL.[UniProtKB/Swiss-Prot Function]