

Product datasheet for **RC218338L3V**

PIP5K2 beta (PIP4K2B) (NM_003559) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PIP5K2 beta (PIP4K2B) (NM_003559) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PIP5K2 beta
Synonyms:	PI5P4KB; PIP5K2B; PIP5KIIB; PIP5KIIBeta; PIP5P4KB
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_003559
ORF Size:	1248 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC218338).
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_003559.3
RefSeq Size:	3878 bp
RefSeq ORF:	1251 bp
Locus ID:	8396
UniProt ID:	P78356
Cytogenetics:	17q12
Domains:	PIP5K
Protein Families:	Druggable Genome



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Protein Pathways:	Endocytosis, Fc gamma R-mediated phagocytosis, Inositol phosphate metabolism, Metabolic pathways, Phosphatidylinositol signaling system, Regulation of actin cytoskeleton
MW:	47.2 kDa
Gene Summary:	The protein encoded by this gene catalyzes the phosphorylation of phosphatidylinositol-5-phosphate on the fourth hydroxyl of the myo-inositol ring to form phosphatidylinositol-5,4-bisphosphate. This gene is a member of the phosphatidylinositol-5-phosphate 4-kinase family. The encoded protein sequence does not show similarity to other kinases, but the protein does exhibit kinase activity. Additionally, the encoded protein interacts with p55 TNF receptor. [provided by RefSeq, Jul 2008]