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Product datasheet for RC200092L1V

SKIP (INPP5K) (NM_016532) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	SKIP (INPP5K) (NM_016532) Human Tagged ORF Clone Lentiviral Particle
Symbol:	INPP5K
Synonyms:	MDCCAID; PPS; SKIP
Mammalian Cell Selection:	None
Vector:	pLenti-C-Myc-DDK (PS100064)
Tag:	Myc-DDK
ACCN:	NM_016532
ORF Size:	1344 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC200092).
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_016532.2
RefSeq Size:	3001 bp
RefSeq ORF:	1347 bp
Locus ID:	51763
UniProt ID:	Q9BT40
Cytogenetics:	17p13.3
Domains:	IPPc, Exo_endo_phos
Protein Families:	Druggable Genome, Phosphatase

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Protein Pathways: Inositol phosphate metabolism, Insulin signaling pathway, Metabolic pathways, Phosphatidylinositol signaling system

MW: 51.1 kDa

Gene Summary: This gene encodes a protein with 5-phosphatase activity toward polyphosphate inositol. The protein localizes to the cytosol in regions lacking actin stress fibers. It is thought that this protein may negatively regulate the actin cytoskeleton. Alternatively spliced transcript variants encoding different isoforms have been identified. [provided by RefSeq, Oct 2008]