

Product datasheet for **RC223630L3V**

INPP5B (NM_005540) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	INPP5B (NM_005540) Human Tagged ORF Clone Lentiviral Particle
Symbol:	INPP5B
Synonyms:	5PTase
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-Myc-DDK-P2A-Puro (PS100092)
Tag:	Myc-DDK
ACCN:	NM_005540
ORF Size:	2739 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC223630).
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_005540.2
RefSeq Size:	4469 bp
RefSeq ORF:	2742 bp
Locus ID:	3633
UniProt ID:	P32019
Cytogenetics:	1p34.3
Protein Families:	Druggable Genome
Protein Pathways:	Inositol phosphate metabolism, Metabolic pathways, Phosphatidylinositol signaling system



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MW: 104.4 kDa

Gene Summary: This gene encodes a member of a family of inositol polyphosphate-5-phosphatases. These enzymes function in the regulation of calcium signaling by inactivating inositol phosphates. The encoded protein is localized to the cytosol and mitochondria, and associates with membranes through an isoprenyl modification near the C-terminus. Alternatively spliced transcript variants of this gene have been described. [provided by RefSeq, Jul 2014]