

Product datasheet for **RC214716L4V**

INPPL1 (NM_001567) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	INPPL1 (NM_001567) Human Tagged ORF Clone Lentiviral Particle
Symbol:	INPPL1
Synonyms:	OPSM2; SHIP2
Mammalian Cell Selection:	Puromycin
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)
Tag:	mGFP
ACCN:	NM_001567
ORF Size:	3774 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC214716).
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_001567.2
RefSeq Size:	4737 bp
RefSeq ORF:	3777 bp
Locus ID:	3636
UniProt ID:	O15357
Cytogenetics:	11q13.4
Protein Pathways:	Inositol phosphate metabolism, Metabolic pathways, Phosphatidylinositol signaling system
MW:	138.4 kDa



[View online »](#)

Gene Summary:

The protein encoded by this gene is an SH2-containing 5'-inositol phosphatase that is involved in the regulation of insulin function. The encoded protein also plays a role in the regulation of epidermal growth factor receptor turnover and actin remodelling. Additionally, this gene supports metastatic growth in breast cancer and is a valuable biomarker for breast cancer. [provided by RefSeq, Jan 2009]