

Product datasheet for **RC203930L2V**

PHLPP (PHLPP1) (NM_194449) Human Tagged ORF Clone Lentiviral Particle

Product data:

Product Type:	Lentiviral Particles
Product Name:	PHLPP (PHLPP1) (NM_194449) Human Tagged ORF Clone Lentiviral Particle
Symbol:	PHLPP
Synonyms:	PHLPP; PLEKHE1; PPM3A; SCOP
Mammalian Cell Selection:	None
Vector:	pLenti-C-mGFP (PS100071)
Tag:	mGFP
ACCN:	NM_194449
ORF Size:	3615 bp
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RC203930).
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_194449.1 , NP_919431.1
RefSeq Size:	4798 bp
RefSeq ORF:	5154 bp
Locus ID:	23239
UniProt ID:	O60346
Cytogenetics:	18q21.33
MW:	184.5 kDa



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Gene Summary:

This gene encodes a member of the serine/threonine phosphatase family. The encoded protein promotes apoptosis by dephosphorylating and inactivating the serine/threonine kinase Akt, and functions as a tumor suppressor in multiple types of cancer. Increased expression of this gene may also play a role in obesity and type 2 diabetes by interfering with Akt-mediated insulin signaling. [provided by RefSeq, Dec 2011]