

Product datasheet for RC203930L3V

OriGene Technologies, Inc.

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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:

Puromycin

Vector: pLenti-C-Myc-DDK-P2A-Puro (PS100092)

Tag: Myc-DDK
ACCN: NM 194449

ORF Size: 3615 bp

ORF Nucleotide

The ORF insert of this clone is exactly the same as(RC203930).

Sequence:
OTI Disclaimer:

MW:

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.

RefSeg: NM 194449.1, NP 919431.1

184.5 kDa

 RefSeq Size:
 4798 bp

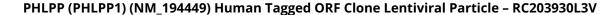
 RefSeq ORF:
 5154 bp

 Locus ID:
 23239

 UniProt ID:
 060346

 Cytogenetics:
 18q21.33







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]