OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for TL310366V

Phospholipase D1 (PLD1) Human shRNA Lentiviral Particle (Locus ID 5337)

Product data:

Product Type:	shRNA Lentiviral Particles
Product Name:	Phospholipase D1 (PLD1) Human shRNA Lentiviral Particle (Locus ID 5337)
Locus ID:	5337
Synonyms:	CVDD
Vector:	pGFP-C-shLenti (TR30023)
Format:	Lentiviral particles
Components:	PLD1 - Human shRNA lentiviral particles (4 unique 29mer target-specific shRNA, 1 scramble control), 0.5 ml each, >10^7 TU/ml.
RefSeq:	NM_001130081, NM_002662, NM_002662.1, NM_002662.2, NM_002662.3, NM_002662.4, NM_001130081.1, NM_001130081.2, BC068976, BC068976.1, NM_001130081.3, NM_002662.5
UniProt ID:	Q13393
Summary:	This gene encodes a phosphatidylcholine-specific phospholipase which catalyzes the hydrolysis of phosphatidylcholine in order to yield phosphatidic acid and choline. The enzyme may play a role in signal transduction and subcellular trafficking. Alternative splicing results in multiple transcript variants with both catalytic and regulatory properties. [provided by RefSeq, Sep 2011]
shRNA Design:	These shRNA constructs were designed against multiple splice variants at this gene locus. To be certain that your variant of interest is targeted, please contact techsupport@origene.com. If you need a special design or shRNA sequence, please utilize our custom shRNA service.

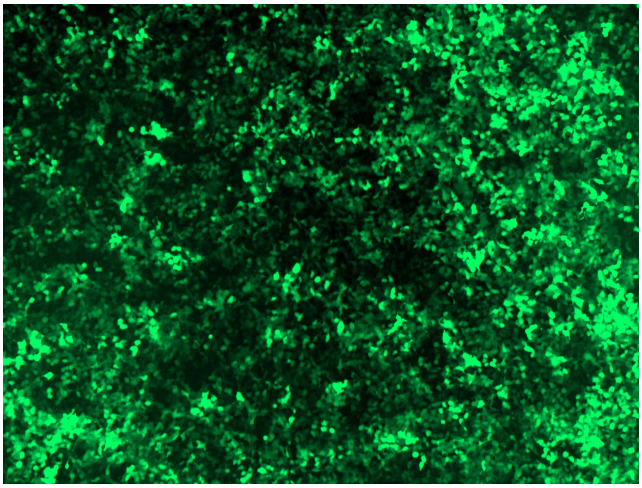
View online »

Performance Guaranteed:

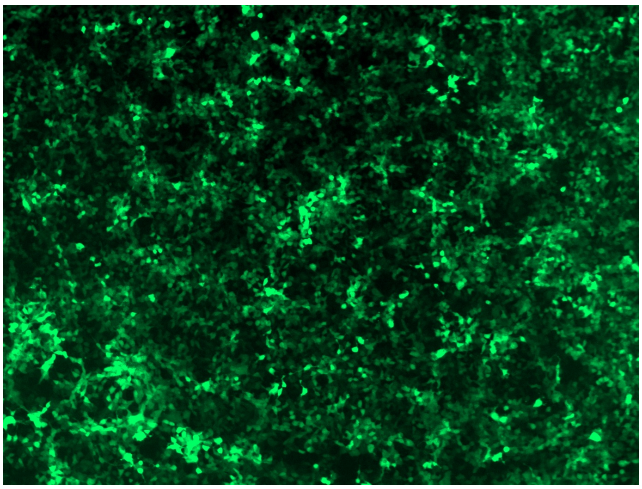
OriGene guarantees that the sequences in the shRNA expression cassettes are verified to correspond to the target gene with 100% identity. One of the four constructs at minimum are guaranteed to produce 70% or more gene expression knock-down provided a minimum transfection efficiency of 80% is achieved. Western Blot data is recommended over qPCR to evaluate the silencing effect of the shRNA constructs 72 hrs post transfection. To properly assess knockdown, the gene expression level from the included scramble control vector must be used in comparison with the target-specific shRNA transfected samples.

For non-conforming shRNA, requests for replacement product must be made within ninety (90) days from the date of delivery of the shRNA kit. To arrange for a free replacement with newly designed constructs, please contact Technical Services at techsupport@origene.com. Please provide your data indicating the transfection efficiency and measurement of gene expression knockdown compared to the scrambled shRNA control (Western Blot data preferred).

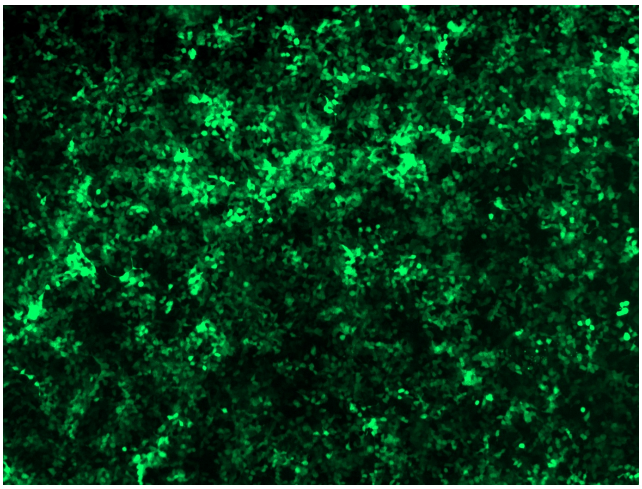
Product images:



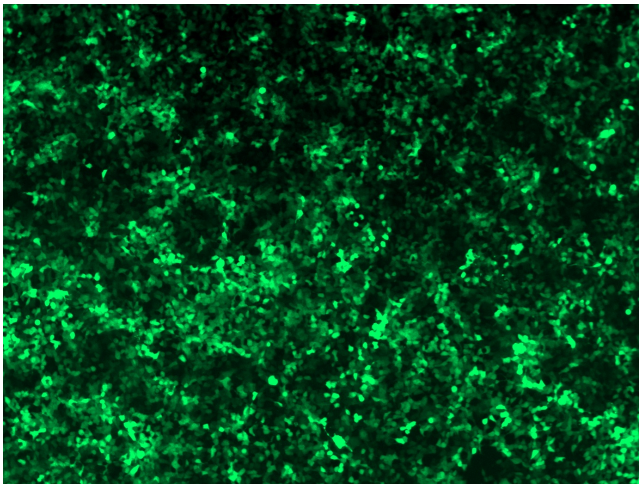
GFP signal was observed under microscope at 48 hours after transduction of TL310366A virus into HEK293 cells. TL310366A virus was prepared using lenti-shRNA TL310366A and [TR30037] packaging kit.



GFP signal was observed under microscope at 48 hours after transduction of TL310366B virus into HEK293 cells. TL310366B virus was prepared using lenti-shRNA TL310366B and [TR30037] packaging kit.



GFP signal was observed under microscope at 48 hours after transduction of [TL310366C] virus into HEK293 cells. [TL310366C] virus was prepared using lenti-shRNA [TL310366C] and [TR30037] packaging kit.



GFP signal was observed under microscope at 48 hours after transduction of [TL310366D] virus into HEK293 cells. [TL310366D] virus was prepared using lenti-shRNA [TL310366D] and [TR30037] packaging kit.