

Product datasheet for RR208108L4

Pid1 (NM_001110493) Rat Tagged Lenti ORF Clone

Product data:

OriGene Technologies, Inc.

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Product Type:	Expression Plasmids						
Product Name:	Pid1 (NM_001110493) Rat Tagged Lenti ORF Clone						
Tag:	mGFP						
Symbol:	Pid1						
Synonyms:	Ab1-119; RGD1560766						
Mammalian Cell Selection:	Puromycin						
Vector:	pLenti-C-mGFP-P2A-Puro (PS100093)						
E. coli Selection:	Chloramphenicol (34 ug/mL)						
ORF Nucleotide Sequence:	The ORF insert of this clone is exactly the same as(RR208108).						
Restriction Sites:	Sgfl-Mlul						
Cloning Scheme:							
	Cloning sites used for ORF Shuttling:						
	Sgf I ORF Mlu I GCG ATC GCC ATG // NNÑ ACG CGT						

EcoR I		Bam	ні		RI	35			Koz ^{Conse}		-		OF	RF
CTATAGGGCGGCCGGGAATTCGTC	GACT	GGA	ccGe	БТАСС	GAG	GAGA	тстб	ccGC	cGCG	ATCG		'G	 	-
	м	u I	_	^	Vot I	_Xho I			mGFP Tag		Tag			
NNŇ	ACG T	CGT R	ACG T	CGG R	CCG P	стс L	GAG E	ATG M	AGC S	GGG G	GGC G		 - : -	
GGA CTC AGA GTT TGG G L R V	i GTA	GGA	AGC											

ACCN: ORF Size: NM_001110493 735 bp

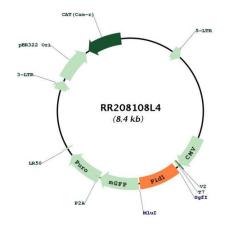
* The last codon before the Stop codon of the ORF.



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ORIGENE Pid1 (I	NM_001110493) Rat Tagged Lenti ORF Clone – RR208108L4
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. <u>More info</u>
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
Components:	The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).
Reconstitution Method:	 Centrifuge at 5,000xg for 5min. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. Close the tube and incubate for 10 minutes at room temperature. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	<u>NM 001110493.1</u>
RefSeq Size:	784 bp
RefSeq ORF:	738 bp
Locus ID:	501174
Cytogenetics:	9q35

Product images:



Circular map for RR208108L4

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