

Product datasheet for **SC317774**

Pancreatic Lipase Related Protein 2 (PNLIPRP2) (NM_005396) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pancreatic Lipase Related Protein 2 (PNLIPRP2) (NM_005396) Human Untagged Clone
Tag:	Tag Free
Symbol:	PNLIPRP2
Synonyms:	PLRP2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >SC317774 representing NM_005396.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

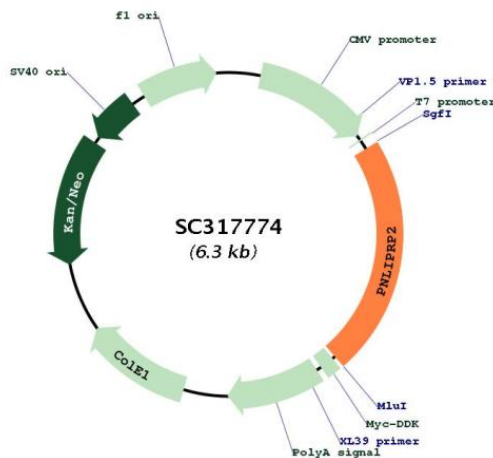
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Restriction Sites:

SgfI-MluI

Plasmid Map:



ACCN: NM_005396

Insert Size: 1413 bp

OTI Disclaimer:	Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<ol style="list-style-type: none"> 1. Centrifuge at 5,000xg for 5min. 2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA. 3. Close the tube and incubate for 10 minutes at room temperature. 4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom. 5. 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_005396.4</u>
RefSeq Size:	1486 bp
RefSeq ORF:	1413 bp
Locus ID:	5408
UniProt ID:	<u>P54317</u>
Cytogenetics:	10q25.3
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Glycerolipid metabolism, Metabolic pathways
MW:	52.1 kDa
Gene Summary:	<p>This gene encodes a lipase that hydrolyzes galactolipids, the main components of plant membrane lipids. An allelic polymorphism in this gene results in both coding and non-coding variants; the reference genome represents the non-coding allele. [provided by RefSeq, Aug 2015]</p> <p>Transcript Variant: This variant (1, coding) differs at a polymorphic nucleotide compared to the reference genome sequence and represents the protein coding allele.</p>