

Product datasheet for **SC122713**

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:	Pancreatic Lipase Related Protein 2
Synonyms:	PLRP2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF: >OriGene sequence for NM_005396 edited
 ATGCTGCCCCCTTGGACCCTCGGCCTTCTCCTGCTGGCCACAGTCAGAGGAAAAGAGGTC
 TGCTACGGACAACCTTGGCTGCTTTTCTGATGAAAACCATGGGCAGGAACCCCTCAGCGA
 CCTGTAAAATTACTTCCCTGGTCCCGGAGGACATTGACACCCGCTTTCTTCTGTACACA
 AATGAAAATCCAAACAACCTTCCAATACTCACTGGCACGGAACAGACACCATTGAGGCT
 TCAAACCTTCCAACCTGGACCGCAAGACACGCTTCATCATCCATGGCTTCTTAGACAAGGCG
 GAGGACAGCTGGCCATCGGACATGTGCAAGAAAATGTTTGAAGTGGAGAAGGTGAACTGC
 ATCTGTGTGGACTGGAGGCACGGGTCCCGGCAATGTACACCCAAGCCGTGCAAAACATT
 CGGGTTGTTGGGGCGGAGACAGCTTTCTAATAACAAGCACTGTCGACGCAGCTGGGGTAC
 AGCCTTGAGGACGTGCATGTCATCGGCCACAGCCTGGGCGGCACACGGCCGCGGAGGCG
 GGCAGGAGGCTGGGGGGCCGCGTGGCAGGATCACAGGGCTGGATCCAGCAGGGCCGTGC
 TTCCAGGATGAACCTGAGGAGGTTTCGGTTGGATCCATCTGACGCCGTGTTTGTGGATGTG
 ATTCACACAGATTCTTCTCCCATAGTTCCTTCCCTAGGTTTTCGGAATGAGCCAAAAGGTG
 GGCCATCTGGATTTCTTCCAAATGGAGGAAAGGAAATGCCCGGATGTAAGAAAAATGTC
 CTTTCAACCATTACTGATATTGATGGAATATGGGAAGGAATTGGTGGCTTTGTGTCTTGC
 AATCACCTAAGAAGCTTCGAGTATTACTCAAGCAGCGTCTCAACCCTGATGGCTTCCCTG
 GGCTATCCCTGTGCCTCCTACGATGAGTTTCAGGAGAGTAAGTGTTCCTTGTCCAGCT
 GAAGGATGCCCAAAATGGGGCACTATGCTGACCAATTTAAGGGGAAAACAAGTGTGTG
 GAACAAACCTTTTTCTGAACACAGGAGAGTGGTAACTTTACTAGTTGGAGATAAAG
 GTATCAGTCACACTTTTCTGGAAAAGAGAAAGTGAATGGGTACATCAGGATTGCTTTGTAT
 GGAAGTAATGAAAACCTCGAAACAATATGAGATTTTCAAAGGATCCCTCAAACCAGATGCA
 AGTCACACGTGTGCTATTGATGTGGATTTAATGTTGGAAAAATACAGAAAGTTAAATTC
 CTCTGGAACAAACGTGGGATAAATCTATCTGAGCCCAAACCTGGGGGCTTCCCAAATCACA
 GTGCAAAGTGGTGAAGATGGGACTGAGTATAATTTTTGTAGCAGCGACACTGTGGAAGAA
 AACGCTTGCAATCTCTTACCCTTGTTAAAAACGTGGTGGCGCTATTGCGGTAATAAAA
 TCTTTAATGCACTCAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAAA



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_005396 unedited NNNTAGTTTGGATTTGTAATACGACTTTCTATAGGGCGGCCGGAATTCGCCATTACGGC CGGGGGTGAAGCTCTGGTGCAGCATGATGCTGCCCCCTTGGACCCCTCGGCCTTCT CCTGCTGGCCACAGTCAGAGGAAAAGAGGTCTGCTACGGACAACCTGGCTGCTTTTCTGA TGAAAAACCATGGGCAGGAACCCCTTCAGCGACCTGAAAATTACTTCCCTGGTCCCCGA GGACATTGACACCCGCTTTCTTCTGTACACAAATGAAAATCCAACAACCTCCAATAAT CACTGGCACGGAACCCAGACACCATTGAGGCTTCAAACCTCCAACCTGGACCGCAAGACACG CTTTCATCATCCATGGCTTCTTAGACAAGCGGAGGACAGCTGGCCATCGGACATGTGCAA GAAAATGTTTGAAGTGGAGAAGGTGAACTGCATCTGTGTGGACTGGAGGCACGGTCCCG GGCAATGTACACCAAGCCGTGCAAAACATTCGGGTTGTTGGGGCGGAGACAGCTTCTT AATACAAGCACTGTCGACGCAGCTGGGGTACAGCCTTGAGGACGTGCATGCATCGGCCA CAGCCTGGGCGCGCACACNGCCGCGGAGGCGGGCAGGAGGCTGGGGGGCCGCGTGGGCAG GATCACAGGGCTGGATCCAGCNAGGCCGTGCTTCCAGGATGAACCTGNAGAGGTTTCGGTT GGATCCATCTGACCCGTGTTTGTGGATGTGATTCACACAGATTCTTCTCCATAGTTCC TTCCCTAGGTTTCGGAATGAGCCAAAAGTGGCCATCTGGGATTCTTTCATGGAGGAAG GAATGCCCGATGTAGAAAATGTCCTTTTACCATACTGATTTGATGGATATGGAAGN
Restriction Sites:	Please inquire
ACCN:	NM_005396
Insert Size:	1512 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).
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:	NM_005396.3 , NP_005387.1
RefSeq Size:	1486 bp
RefSeq ORF:	1410 bp
Locus ID:	5408
UniProt ID:	P54317
Cytogenetics:	10q25.3
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	Glycerolipid metabolism, Metabolic pathways

Gene Summary:

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]

Transcript Variant: This variant (1, coding) differs at a polymorphic nucleotide compared to the reference genome sequence and represents the protein coding allele.