

Product datasheet for **SC330066**

PLTP (NM_001242920) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: PLTP (NM_001242920) Human Untagged Clone
Tag: Tag Free
Symbol: PLTP
Synonyms: BPIFE; HDLCQ9
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC330066 representing NM_001242920.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCCCTCTTCGGGGCCCTCTTCTAGCGCTGCTGGCAGGCGCACATGCAGAGTCCCAGGCTGCAAG
ATCCGCGTCACCTCCAAGGCGCTGGAGCTGGTGAAGCAGGAGGGGCTGCGCTTTCTGGAGCAAGAGCTG
GAGACTATCACCATTCCGGACCTGCGGGGCAAAGAAGGCCACTTCTACTACAACATCTCTGAGAAGGTG
TATGATTTTCTCCACGTTTCATCACCTCAGGGATGCGCTTCTCCTCAACCAGCAGATCTGCCCTGTC
CTCTACCAGCAGGGACGGTCTGCTCAACTCCCTCCTGGACACCGTGCCTGTGCGCAGTTCTGTGGAC
GAGCTTGTGGCATTGACTATTCCTCATGAAGGATCCTGTGGCTTCCACCAGCAACCTGGACATGGAC
TTCCGGGGGGCCCTTCTCCCTGACTGAGAGGAACTGGAGCCTCCCAACCGGGCAGTGGAGCCCCAG
CTGCAGGAGGAAGAGCGGATGGTGTATGTGGCCTTCTCTGAGTCTTCTTCGACTCTGCCATGGAGAGC
TACTTCCGGGCGGGGGCCCTGCAGCTGTTGCTGGTGGGGGACAAGGTGCCCCACGACCTGGACATGCTG
CTGAGGGCCACCTACTTTGGGAGCATTGTCTGCTGAGCCAGCAGTGATTGACTCCCCATTGAAGCTG
GAGCTGCGGGTCTGGCCCCACCGCGTGCACCATCAAGCCCTTGGCACCACCATCTCTGTCACTGCT
AGCGTCACCATTGCCCTGGTCCCACCAGACCAGCCTGAGGTCCAGCTGTCCAGCATGACTATGGACGCC
CGTCTCAGCGCCAAGATGGCTCTCCGGGGAAGGCCCTGCGCACGCAGCTGGACCTGCGCAGGTTCCGA
ATCTATTCCAACCATTCTGCACTGGAGTCGCTGGCTCTGATCCCATTACAGGCCCTCTGAAGACCATG
CTGCAGATTGGGGTGTGCCATGCTCAATGAGCGGACCTGGCGTGGGGTGCAGATCCCCTACCTGAG
GGCATCAACTTTGTGCATGAGGTGGTGCAGAACCATGCGGGATTCTCACCATCGGGGCTGATCTCCAC
TTTGCCAAAGGGCTGCGAGAGGTGATTGAGAAGAACCAGCCTGCTGATGTCAGGGCGTCCACTGCCCC
ACACCGTCCACAGCAGCTGCTGA
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Restriction Sites: SgfI-MluI
ACCN: NM_001242920
Insert Size: 1197 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).



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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_001242920.1</u>
RefSeq Size:	1815 bp
RefSeq ORF:	1197 bp
Locus ID:	5360
UniProt ID:	<u>P55058</u>
Cytogenetics:	20q13.12
Protein Families:	Druggable Genome, Secreted Protein
Protein Pathways:	PPAR signaling pathway
MW:	44.1 kDa
Gene Summary:	<p>The protein encoded by this gene is one of at least two lipid transfer proteins found in human plasma. The encoded protein transfers phospholipids from triglyceride-rich lipoproteins to high density lipoprotein (HDL). In addition to regulating the size of HDL particles, this protein may be involved in cholesterol metabolism. At least two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (3) lacks two alternate in-frame exons in the 5' coding region compared to variant 1. The resulting protein (isoform c) is shorter compared to isoform a.</p> <p>Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>