

Product datasheet for **RN216787**

Pltp (NM_001168543) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pltp (NM_001168543) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pltp
Synonyms:	Bpife
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN216787 representing NM_001168543
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCCCTGCTCCCGCCCTCTTCTAGCGCTTCTGGCAGGTGCCACGCCGAGCTCCCGGGCTGCAAGA
 TCCGAGTCACTCTGCGGCTCTGGAGCTGGTGAAGCAGGAGGGGCTGCGCTTCTGGAGCAAGAGCTGGA
 GGACATCAACATCCCAGATGTGTATGGCGCAAAGGGCCACTTCTACTACAATATCTCGGACGTGAAGGTC
 ACACAGCTGCAGTTGATATCCTCCGAGCTCCACTTCCAGCCGGACCAGGACCTGTTGCTGAACATCTCCA
 ATGCGTCTTGGGGTGCAGTCCGAGACAGCTCCTCTACTGGTTCTTCTATGATGGGGCTACATCAA
 TGCCTCGGCCGAGGGTGTGTCCATCCGAACAGGTCTGCAGCTCTCCCGGATCCCACTGGTCGGATTA
 GTGTCCAATGTCTCTGCGAGGCCTCTGTGTCTAAAATAAATATGGCCTTCGGGGAAACCTTCAGGAGGA
 TGTATAACTTTTTTCCACGTTCACTTCTGGGATGCGATTCTCCTCAACCAGCAGATCTGCCCTGT
 GCTCCACCATGCTGGGACAGTGTGCTTAACCTCCTGGACACAGTGCCCGTGCCTAGTTCTGTGGAT
 GAACCTGTGGGCATCGATTATCCCTTCTGAAGGATCCTGTGGTCTCCAACGGCAATCTGGATATGGAAT
 TCCGGGGAGCATTCTCCCTCTCAAGGAGGGCAACTGGAGCCTTCTCAACAAAGCGGTGGAGCCTCAGT
 GGATGACGACGAGAGGATGGTGTACGTGGCCTTCTCTGAGTTCTTCTTTGACTCTGCCATGGAGAGCTAC
 TTCCAAGCTGGAGCGCTGCAGCTGACGCTTGTGGGGACAAGGTGCCAAATGATCTGGACATGCTTCTGA
 GGGCCACTTACTTTGGGAGCATTGTTCTCCAGAGCCCACAGTGATTAACCTCCCGCTGAAGCTGAAGCT
 ACAGGCCATAAGCTCTCCGCTTGTACCATCAAGCCGTGAGCCAGCACCACCTCTGTGACCGCCAGCGTC
 ACCATCTCCTTGGCCCCACCTACAATGCCTGAAGTCGAGCTGTCCAAGATGATCATGGAAGGTCGCTCA
 GTGCTAAGTTGACACTCAAGGGCAAGGCGCTGCGAGCGAAGCTGGACCTCGAAGGTTTCAAATTTACTC
 CAATCAGTCTGCGCTGGAGTCTCTGGCACTGATCCCACTGCAGGCCCACTGAAGACGCTGTGCAATC
 GGAGTGATGCCTTTGTTGAATGAGCGTATCTGGCGTGGGGTGCAGATCCCCCTCCCTGAGGGTATCAACT
 TCGTGCATGAGGTGGTGACCAACCATGCAGGCTTCGTCAGTGTGGGGTGCAGCTCCACTTTGCCAAAGG
 ACTTCGAGAAGTGATTGACAAGAACCCTTCTGCCGGCGCGCTGACACTGTGGACTCCAGTGTCCCTCCA
 CCCTCTGCTGCAGCTGCCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001168543
- Insert Size:** 1491 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:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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:

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_001168543.1, NP_001162015.1

RefSeq Size: 2025 bp

RefSeq ORF: 1491 bp

Locus ID: 296371

Cytogenetics: 3q42