

Product datasheet for **RN206823**

Plvap (NM_020086) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plvap (NM_020086) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Plvap
Synonyms:	Pv1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206823 representing NM_020086
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGGGCTCTCCATGGACCCGAGCCGTA
 TCCGCTACTCCCACGCGGGACCGGGATCGCGGCTGCTGGTACTACC
 TGCCTATTTCTTCTCTTCGTGTCGCTCATCCAGTTCCTCATCATCCTGGCCTGGTCTCTTCATGAT
 CTATGGTAATGTGCACGCCACCACCGAGTCCAGTCTGCGGGCCACGGAGATCCGCGCCGACAACCTATAC
 AGCCAGGTGGTGGGACTGTCGGCCGCACAGGCTAACCTGAGCAAACAGCTGAACATCAGCACCCCTCGTCA
 AGGACACCGTCAATGCAGCAGCTGCTGACCACGCGCGGAGGTGGAGCGCATCAACGCCAGCTTCCGCCA
 GTGCCAAGGCGACCTGATCACCTACATAAACTATAATCGGTTTCATCGCCGCTATCATCCTGAGCGAGAAG
 CAGTGCCAGGAACAGCTGAAGGAGGGCAACAAGACCTGCGAAGCCTTGTCTTCAAGCTGGGAGAGAAGG
 TTAAGACTGGAGATGGAGTGGTCAAGGAGAAGCGGTGTGCTCCAAAGACAAGGACAGCCTGCTGGC
 AGGAAAGCGGCAGCGGAAATGCAGCAGGAGCCTGTGGCAAAGCGGAGAGCAGCAAAAGCAGGACCAG
 CAGGTGACCGAGGAGCAACTGCGCAAGGTGCAAGTCCCTGTGCCTCCCACTGGACCAGGAGAAGTCCAGG
 CGGACGTGCTGAACGTGTGGCGGATTCGCTGGTCTACCGTTCCTGGATAATATAGGCTACCACTACTC
 GCTGATGCCGGAGTTCTCGTCCCTCCGCGAACATGCGAGAGCCTGCCCGGGATCATGACCACCAAGGTA
 GAAGAGCTGGCGCGCGGTTGCGCGCGGCATTGAGCGGTGACCCGTGAAAATGGAGAGCTGCGACGCC
 AGAAGCTGGAGCTGGAGCGCGGATACAGGGCGAGCGGGAGGCGCGGACGCGCCGGGACCGAGGCGCA
 GGCTCGAGAGACCCAGCTACGGACGGAGTGCAGCGCCAGACACAGCTGGCTCTGGAGGAGAAGGACGCC
 CTGCGGACACAGCGGGACGACCTGGAGCGCCAGCTGGAGCGCGGAAGCGGGAGCTGGAGCAACTCCGCA
 CCGAGGTGGATGTGCGCATTAGCGCTCTGGACACCTGCGTCAAGGCCAAGTCGCTGCCACCATCCAGCC
 GAGACTCCAGGTCCACCCCAACCCCTCCACCCATTGATCCAGCTAGCCTGGAGGAATCAAGAAAAGG
 ATCCTAGAGTCGCAGCGGCCCTCTAGTCAACCCTGCTGTCCACCCAGTGGCTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1625_c12.zip

Restriction Sites: SgfI-MluI

ACCN: NM_020086

Insert Size: 1317 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:

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_020086.1](#), [NP_064471.1](#)
RefSeq Size: 1968 bp
RefSeq ORF: 1317 bp
Locus ID: 56765
UniProt ID: [Q9WV78](#)
Cytogenetics: 16p14
Gene Summary: integral membrane protein associated with vesicles; protein highly expressed in the caveolae in lung epithelium [RGD, Feb 2006]