

Product datasheet for **RR206823**

Plvap (NM_020086) Rat Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>RR206823 representing NM_020086
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGGGCTCTCCATGGACCCGAGCCGTA
 CTCCGACGCGGGACCGGGATCGCGGCTGCTGGTACTACC
 TGCCTATTTCTCCTCTTCGTGTCGCTCATCCAGTTCCTCATCATCCTGGGCCTGGTCTCTTCATGAT
 CTATGGTAAATGTGCACGCCACCACCGAGTCCAGTCTGCGGGCCACGGAGATCCGCGCCGACAACCTATAC
 AGCCAGGTGGTGGGACTGTCGGCCGCACAGGCTAACCTGAGCAAACAGCTGAACATCAGCACCCCTCGTCA
 AGGACACCGTCAATGCAGCAGCTGCTGACCACGCGCGGAGGTGGAGCGCATCAACGCCAGCTTCCGCCA
 GTGCCAAGGCGACCTGATCACCTACATAAACTATAATCGGTTTCATCGCCGCTATCATCCTGAGCGAGAAG
 CAGTGCCAGGAACAGCTGAAGGAGGGCAACAAGACCTGCGAAGCCTTGTCTTCAAGCTGGGAGAGAAGG
 TTAAGACTGGAGATGGAGTGGTCAAGGAGAAGCGGTGTGCTCCAAAGACAAGGACAGCCTGCTGGC
 AGGAAAGCGGCAGCGGAAATGCAGCAGGAGCCCTGTGGCAAAGCGCGAGAGCAGCAAAGCAGGACCAG
 CAGGTGACCGAGGAGCAACTGCGCAAGGTGCAGTCCCTGTGCCTCCCACTGGACCAGGAGAAGTCCAGG
 CGGACGTGCTGAACGTGTGGCGGATTCTGCTGGTCTACCGTTCCTGGATAATATAGGCTACCACTACTC
 GCTGATGCCGGAGTTCTCGTCCCTCCGCGGAACATGCGAGAGCCTGCCCGGGATCATGACCACCAAGGTA
 GAAGAGCTGGCGCGCGGTTGCGCGCGGCATTGAGCGGTGACCCGTGAAAATGGAGAGCTGCGACGCC
 AGAAGCTGGAGCTGGAGCGCGGATACAGGGCGAGCGGGAGGCGCGGACGCGCCGGGACCGAGGCGCA
 GGCTCGAGAGACCAGCTACGGACGGAGTGCAGCGCCAGACACAGCTGGCTCTGGAGGAGAAGGACCGC
 CTGCGGACACAGCGGGACGACCTGGAGCGCCAGCTGGAGCGCGGAAGCGGGAGCTGGAGCAACTCCAGCC
 CCGAGGTGGATGTGCGCATTAGCGCTCTGGACACCTGCGTCAAGGCCAAGTCGCTGCCAGCCATCCAGCC
 GAGACTCCAGGTCCACCCCAACCCTCCACCCATTGATCCAGCTAGCCTGGAGGAATCAAGAAAAGG
 ATCCTAGAGTCGACGCGCCCTCTAGTCAACCCTGCTGTCCACCCAGTGGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR206823 representing NM_020086
 Red=Cloning site Green=Tags(s)

MGLSMDRSPYSRTGDRDRGCWYYLRYFFLFVSLIQFLIILGLVLFMIYGNVHATTESSLRATEIRADNLY
 SQVVGLSAAQANLSKQLNISTLVKDTVMQQLLTRREVERINASFRQCQDLITYINYNRFIAAIIILSEK
 QCQEQLKEGNKCEALLFKLGEKVKTLEMEVVKAVCSKDKDSLLAGKRQAEMQQEACGKAREQQKQDQ
 QVTEEQRLRKVQSLCLPLDQEFQADVLNVWRDSLVRSLDNIYHYSLMPEFSSLRRTCESLPGIMTTKV
 EELARGLRAGIERVTRENGELRRQKLELERAIQGEREARTRAGTEAQARETQLRTECARQTQLALEEKAA
 LRTQRDDLRLQLEARKRELEQLRTEVDVRISALDTCVKAKSLPAIQPRLPGPPNPPPIDPASLEEFKRR
 ILESQRPLVNPVPPSG

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_020086

ORF Size: 1314 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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

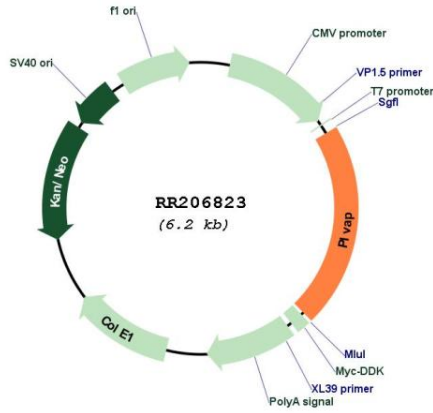
UniProt ID: [Q9WW78](#)

Cytogenetics: 16p14

MW: 50 kDa

Gene Summary: integral membrane protein associated with vesicles; protein highly expressed in the caveolae in lung epithelium [RGD, Feb 2006]

Product images:



Circular map for RR206823