

Product datasheet for RR211982

Pphln1 (NM_001108992) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pphln1 (NM_001108992) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Pphln1
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin
ORF Nucleotide Sequence:	>RR211982 representing NM_001108992 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCAAACCTGTGGCCAGCCAACTACCAAGCTTCACATTCCGGTTGTGCTTGGTTATCGCCCAAGAT
TGGCTTCCACAAGAGATGAAATGTGGTCTGAGGGACGCTATGACTACGAGCGACTCCGAGAGAACGAGT
GCCTCCCGGAGCCATCCAGTGATGGTACCATAGAGTAGTAAATGTTGTGCCAAAGAGACCACCTCTC
CTAGACAAGAGACCACCTCTCCTAGACAAGAGACCACCTCTGCTAGCCAGACCCGATGAAGGCTACAATA
GATATTACACTCATGTTGATTGCCGAGTATGTAACGAGGGCCGCGAGTTTTTCTCATGATCGAAGAAGTGG
CCCATCTCACAGAGGAGATGAATTTGGCTACAGATGGACAAGAGATGATCATTCCACAAGCCGGCAGTCT
GACTACAGGGATATGAGAGATGGCTTTAGAAGAAAGAGTTTCTACTCTTCCCATTATTCAAGAGACCCT
CTCCCCATAAAAGGGACGCTCCGTTCTTCAGAGAATCACCTGTAGGCCGGAAGGACTCCCCACACAGCAG
GTCCGGTCCAGTGTGAGCAGTAGAAGCTATTCTCCAGAACGAAGCAGGACACACACCTTCCATCAGTCT
CAGCACAGAAAACTCTCGCGTGTGCGTTCCTACAAACGGCAGAATGAAGCCACTCGAGGAAGAGGTA
AAGAGAGATCCATCCAGTCTTTGAAAACCTCAAGAGACACTTACCCTCAAGTTCGTCAGCAGTTTCTTC
ATCCAAGGCGTTAGACAAGCCCAGCAGGCTCACTGAGAAGGAACCTGCTGAGGCTGAGAGCAAGTGGCT
GCCGACACACTAGAGAGATCCGATGAAAACAACCTGGGTGAAATTTCTGAGTTTGAGCGGGATCCGCGG
CACCTTATTTATTGACCAGACAGAGGAACCCGAGTCAAACACAACGGACGGCACAGAAATGATGAAGA
CAGCCAGCTCAGCAGCCGCTCTAAAGCCATCGCATCAAAAACCAAGAGATCGAGCAGGTTTACCAGCAA
GACTGTGAGACTTTCGGGATGGTGGTAAAAATGCTGATTGAAAAAGATCCCTCGTTAGAAAAAGTCTATCC
AGTTTGCCTGAGGCAGAACTTACATGAAATAGGTGAGCGCTGTGTTGAAGAAGTCAAGCATTTCATTAC
CGAGTACGATAATTCTACTCAAGATTTTGGAGACCCTTTT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



[View online »](#)

Protein Sequence: >RR211982 representing NM_001108992
 Red=Cloning site Green=Tags(s)

MANLWPAQTTLKHIPVVLGYRPRLASTRDEMSEGRYDYERLPRERVPPRSHPSDGYHRVNVVVKRPPL
 LDKRPPLLDKRPPLARPDEGYNRYTHVDCRVCNEGRSFSHRRSGPSHRGDEFGYRWTRDDHSTSRQS
 DYRDMRDGFRKSFYSSHSYSDRSPHKRDAPFFRESVGRKDSPHSRSGSVSSRSYSPERSRTHTFHQ
 QHRKSSRVGASYKRQNEATRGRGKERSIQSLKTSRDTPSSSSAVSSSKALDKPSRLTEKELAEAESKWA
 ADTLERSDENNLGEISEFEAGSAAPLFIDQTEEPESNTTDGTEMYEDSQLSSRSKAIASKTEIEQVYRQ
 DCETFGMVVKMLIEKDPSEKSIQFALRQNLHEIGERCVEELKHFITEYDNSTQDFGDPF

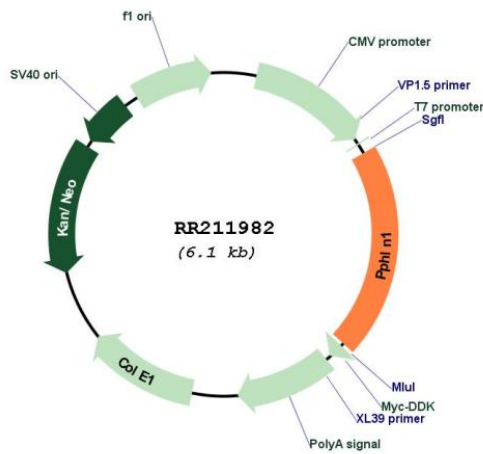
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001108992

ORF Size:	1230 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:	<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_001108992.1 , NP_001102462.1
RefSeq Size:	4067 bp
RefSeq ORF:	1233 bp
Locus ID:	366975
Cytogenetics:	7q35
MW:	47.3 kDa