

Product datasheet for **RR211947**

Plppr3 (NM_181634) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plppr3 (NM_181634) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Plppr3
Synonyms:	Lppr3; Prg-2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide
Sequence:

>RR211947 representing NM_181634
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGATTGCTAAGAAGGAGAAGAATAAAACGCCGAAGGACAGCATGACGCTCTACCTTGCTTTTATTTCCG
 TGGAGCTACCCATCGTGGCTTCCCTGTGTGTCTGTACTTCCCTGGAGCTGACTGACCTGTTCCAGCC
 GGTAAGGTGGGCTTTCAGTGCCACGACCGCTCCCTGTCCATGCCCTACGTGGAGACAAACGAAGAACTG
 ATTCCACTGCTCATGTTGCTGAGCCTGGCCTTTGCTGCACCCGCGGCCTCCATCATGGTCGGCGAGGGCA
 TGGTCTACTGTCTGCAGTCCAGGCTCTGGGGCCGAGGTCCAGGGGGTGTAGAGGGCAGCATCAATGCTGG
 TGGCTGCAACTTCAACTCCTTCCCGGCGCACAGTGCCTTTGTGGGTGTACACGTGTTTGGCCTGTGT
 GCCACGGCTCTGGTGACAGATGTCATCCAGCTGGCCACCGGCTACCACACACCTTCTTCCCTAACCGTCT
 GCAAACCAATTACACCCTGCTGGGCATTCCTGTGAGGGCAACCCTTACATCACACAGGACATCTGCTC
 TGGCCATGATACTCATGCCATCCTGTGACGACGGAAGACCTTCCATCCCAGCACGCCACTGTCCGCC
 TTGCTGTCTGTCTACGTTTCGATGACTTCAACTCCGTTATCTCGGACGCCACAAAGCTGCTGAAACCCA
 TCCTTGTGTTTCGCTTCGCCATCGCCGCTGGCGTCTGTGGCTCACACAGATCACCCAGTACCGCAGTCA
 CCCTGTGGACGTCTACGCCGGCTTCTTATTGGTGCAGGCATTGCTGCCTACCTGGCCTGCCACGCGGTG
 GGCAACTTCCAGGCGTCACTGCAGAAAAGGTGCCCGCCAGCTCCTGCCAAGGACGCCCTTCGAGTGC
 TGACACAGCGCGCCATGAGTCCATGTATCAGCAGAATAAGTCTGTGACACAGATGAGCTGGGCCCTCC
 GGGGAGGTTAGAGGGTGTGCCTCGGCCGTGGCTAGAGAGAAGACATCTTTGGCAGCCTGAAGCGAGCC
 AGCGTGGATGTAGACCTGCTGGCCCCACGACGCCCATGGCAAGAGGGCATGGTCACCTTCAGCAACA
 CACTGCCCGGGTCAGCACGCCCTCGCTGGATGACCTTCCCCTGGGACACATGACTATCCAGTGGCCCT
 TGATGCCTCGCGCTCCAGGCAGCTGATCAGTGAGTGAAGCAAAAGTCTCTGGAGGGTCTGGCCTGGGG
 CTGCCTGATGAGGCTAGCCCTGCGCATCTGCGGGCCCCAGCAGAGCAGGTGGCAGAGGAAGAAGAGGAAG
 AGGAGGAGGAGGAAGAGGAGGAAGAAGAGGAAGAGGAGGAGGAGGAAGGGCCTGTTCCACCTCGCTCTA
 CCCCCTGTCCAGGCTCGGCCAGGGCTCGGGCCCCGAGTCATCCTGCCTCCAAGGCTGGGCCCCAGCCC
 CTCATCCACATCCCTGAGGAAGTGTTCAGGCTGGAGCTGGCCTGTACCCAAGAGCAGTGCATCAGTGC
 GGGCAAGTGGCTGTCAATGGTGGAGAAGGGTGGGGGCCAGTGGCTGTGGCTCCACCACAGCCACGGGT
 GGCAACCCACCGAGGCTACTACAGTCTATTGCCATGTCCAAGGCAGAGGGGGCCCAAGGCTGAGACA
 GCTTCTCCTCCAGTGCAGCTCCGACTCTTCCAGTACAGGTCCCATCAGACCGGGACTCTGCCAGCA
 TCGTCACAATTGATGCACATGCACCCACCACCGGTGGTGCACCTGTCTGCGGGCAGCACACCCTGGGA
 GTGGAAGGCCAAAGTGGTGGAGGGGAAGGTGGCTATGAGCTGGGGGACCTGGCGCGTGGTTTCAGAAGC
 AGCTGCAAACAGCCTGGAATTGGCCAGGGTCTCCAGTCAGTGATGTGGACCAGGAGGAACCCCGTGGT
 GGGCTGTGGCCACCGTCAACCTGGCCACTGGGGAGGGTCTGCCCCACCAGGTGCAAGTGAAGGGGCCCT
 GGGTGCAGGCAGCAGGAATCCACCCTGAGACGCCAGGTGGGGCGCTGGGGGAGAGAGAAGTGGAGGCA
 GAGGCAGAAAGCTACTACAGAAGGATGCAGGCCAGGAGGTACCAGGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RR211947 representing NM_181634
Red=Cloning site Green=Tags(s)

MIAKKEKNKTPKDSMTLLPCFYFVELPIVASSVVSLYFLELTDLFQPAKVGFGCHDRSLSPMPVETNEEL
 IPLLMLLSLAFAPAASIMVGEGMVYCLQSRWGRGPGGVEGSINAGGCNFSFLRRTVRFVGVHVFGLC
 ATALVTDVIQLATGYHTPFLLTVCKPNYTLTGTSCANPYITQDICSQHDTHAILSARKTFPSQHATLSA
 FAAVYVSMYFNVSISDATKLLKPILVF AFAIAAGVCGLTQITQYRSHPVVDVYAGFLIGAGIAAYLACHAV
 GNFQASPAEKVPAPAPAKDALRVLTQRGHESMYQQNKSVDDELGPPGRLEGVPRPVAREKTSLGSLKRA
 SVDVDLLAPRSPMGKEGMVTFSTNTPRVSTPSLDDPSRRHMTIHVPLDASRSRQLISEWKQKSLEGRGLG
 LPDEASPAHLRAPAEQVAEEEEEEEEEEEEEEEEEEEEEGVPPPSLYPTVQARPLGPRVILPPRPGQP
 LIHIPEEVVQAGAGLSPKSSASVRAKWL SMVEKGGGPVAVAPPQPRVANPPRLQVIAMSKAAGGPKAET
 ASSSSASSSSQYRSPDRDSASIVTIDAHAPHPVVHL SAGSTPWEWKAKVVEGEGGYELGDLARGFRS
 SCKQPGIGPGSPVSDVDQEEPRFGAVATVNLATGEGPLPPP GASEGALGAGSRESTLRQV GALGEREVEA
 EAESYYRRMQARRYQD

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_181634

ORF Size: 2148 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_181634.3](#), [NP_853665.2](#)

RefSeq Size: 2415 bp

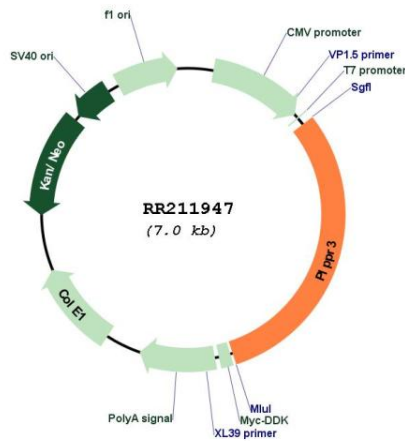
RefSeq ORF: 2151 bp

Locus ID: 314614

Cytogenetics: 7q11

MW: 76.7 kDa

Product images:



Circular map for RR211947