

Product datasheet for **MR215974**

Plppr3 (NM_001170935) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Plppr3 (NM_001170935) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Plppr3
Synonyms:	Lppr3; Prg2
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>MR215974 representing NM_001170935
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGCTTGCTATGAAGGAGAAGAATAAACGCCGAAGGACAGCATGACACTCCTGCCTTGCTTTATTTTCG
 TGGAGCTACCCATCGTGGCTTCCTCCATTGTGTCTCTGTACTTCTGGAGCTGACTGACCTGTTCAAGCC
 GGCCAAGGTGGGCTTTTCACTGCTACGACCGCGCCTGTCCATGCCCTATGTGGAGACAAATGAAGAGCTG
 ATCCCATTTGCTCATGCTGCTGAGCCTGGCCTTCGCTGCACCTGCGGCCTCAATCATGGTCGGCGAGGGCA
 TGGTCTACTGTCTGCAGTCCAGGCTCTGGGGCGTGGTCCAGGGGGCGTGGAGGGCAGCATCAACGCTGG
 TGGCTGCAACTTCAACTCCTTCTCCGGCGCACAGTGCCTTTGTGGGTGTACACGTGTTTGGCCTGTGT
 GCCACGGCTCTGGTGACAGATGTCATCCAGCTGGCCACCGGTACCACACACCTTTCTTCTAACGGTCT
 GCAAACCAATTACACCCTGCTGGGCATCTCTGTGAGTCGAACCCTTACATCACACAGGACATCTGCTC
 TGGCCACGATACCCATGCCATCCTGTGAGCAAGGAAGACCTTCCCGTCCAGCACGCCACTCTGTACGCC
 TTTGCTGCTGTCTACGTGTCGATGACTTCAACGCGTTATCTCGGACACCACGAAGCTGCTGAAGCCCA
 TCCTTGTTGTTTGCCTTCGCCATTGCTGCGGGCGTCTGCGGCCTCACACAGATACCCAGTATCGAAGCCA
 CCCTGTGGACGTCTACGCTGGCTTTCTTATCGGTGCTGGCATCGCTGCCTACCTGGCCTGCCACGCTGTG
 GGCAACTTCCAGGCACCACCTGCAGAAAAGGTTCTACCCAGCTCCTGCCAAGGACGCCCTGCGAGCGC
 TGACACAGCGGGGCCATGAGTCCATGTATCAGCAGAATAAGTCTGTGAGTACCGATGAGCTGGGCCCTCC
 AGGGAGGCTAGAGGGCGTGCCTCGGCCTGTGGCTCGAGAGAAGACATCTTTGGCAGCCTGAAGCGAGCC
 AGCGTGGATGTGGACCTGCTGGCCCCACGTAGCCCCATGGGCAAGAAGGCATGGTCACCTTCAGCAACA
 CACTGCCCCGGGTCAGCACGCCCTCGCTGGATGACCCTGCACGGCGCCACATGACTATCCACGTGCCCT
 TGATGCCCTCCCGTTCCAGGCAGCTTATCGGATCTTACCCGCTGCACATACCCGTAGACGCCTTGGAAC
 CCAGGCAACAACAGGAAGCAGAAGAACCCTGCAGTCAGTTGGCAAGAAATTCCGGATCAGGCAAGAAAA
 AAAAATGGGAGGGGAGGGAGGAAAGAAAAAGTAGCAAAACACAGGTCAGTAAATACG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR215974 representing NM_001170935
 Red=Cloning site Green=Tags(s)

MLAMKEKNKTPKDSMTLLPCFYFVELPIVASSIVSLYFLELTDLFKPAKVGFGCYDRALSMYPVETNEEL
 IPLMLLSLAFAPAASIMVGEPMVYCLQSRLWGRPGGVEGSINAGGCNFSNLRRTVRFVGVHVFGLC
 ATALVTDVIQLATGYHTPFFLTVCCKPNYTLTGTSCEPNYITQDICSQHDTHAILSARKTFPSQHATLSA
 FAAYVSMYFNAVISDTTKLLKPILVFATAIAAGVCGLTQITQYRSHPVVDVYAGFLIGAGIAAYLACHAV
 GNFAAPAEKVPTPAPAKDALRALTRGHESMYQQNKSVSTDELGPPGRLEGVPRPVAREKTSLGSLKRA
 SVDVDLLAPRSPMGKEGMVTFSTNLPRVSTPSLDDPARRHMTIHVPLDASRSRQLIGSSPAHHRRRLGN
 PGNNRQKNRAVSWQRNSGSGKKKKWEGRGKKKVAKHRSVNT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001170935

ORF Size: 1389 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq Size: 3148 bp

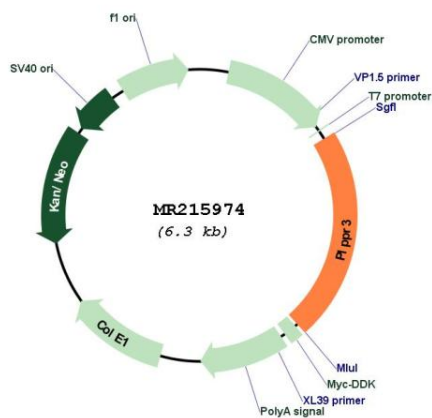
RefSeq ORF: 1365 bp

Locus ID: 216152

UniProt ID: [Q7TPB0](#)

Cytogenetics: 10 C1
MW: 49.7 kDa

Product images:



Circular map for MR215974