

Product datasheet for RN211191

Phlpp2 (NM_001109131) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Phlpp2 (NM_001109131) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Phlpp2
Synonyms:	Phlpp1; RGD1562857
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN211191 representing NM_001109131 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGGAGGTGGAGCCCGTCCCGCGGGCTCGCTGGAGCCCCGGAGCCACCTGAAGCGGCGGCGCCTC
GCCGGCCCGGAGGTATTCGGGTCTAAAGAGGAATATGAAACACAATGGGAGCAGAAATTGTTTGAATAG
AAGAAGTAGGTTTGGCTCTCGAGAAAGAGACTGGCTAAGAGAAGATGTGAAGAGAGGCTGTGTTACCTT
TATGGAGCGGACACGACCACTGCCACTACAACCACCACCTCCTCCTCCTCCTCCTCCTCCTCCTCCT
CCTCTGATTTACATCTTGTCTTTGCACAGTGGAGACACCAGCGTCAGAAATATGTGCTGGAGAGGGAAG
AGAAAGTCTCTATCTACAGCTTCATGGAGATCTGGTCAGGAGACTGGAGCCCACTGAACGGCCTCTCCAG
ATTGTTTACGACTACTTATCCAGGCTGGGTTTGAAGATCCCGTGCATACAGGAGGAGCTACGAACC
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CTCTGTGGCACCTGCCTATTGTCTCCTCAGTGAAGGATTGCCAACTGGAAAGATGCACATCTTGCCAC
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AGCTCAGACCTATCATGTCAGCTTCGAGACTTTGGCTGAGTACCAGAGATGGCAGCGGCAGGCGTAAAG
GTGGTGTCCAGAGGATCAGCACCGTGGACCTCTCGTGTACAGCCTTGAGGAGTTCTGAGCATCTCT
TCTACAGTCAAGACATCACCTACCTCAACTGCGACACAACCTCATGCAGTTAGAAAGACCAGGGGGCCT
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TGAATCTGGAGGAAATAAACACATCACTCACATGGATTTGCGGGACAATCAGTTGACTGATTTGGAC



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CTTAGCTCCTTATGTAGCTTGGAGCAGCTGCATTGTGAGCGGAACCAGTTGAGAGAGCTGACACTCAGTG
 GCTTCTCCCTTCGAAACCTCTACGCCAATTGGAACAAGCTGACAGCAGTGAATGTCTATCCAGTACCAAG
 CCTGCTCACTTCTTTGGAACCTCCCGAAACTTGTCTAGAATGTATCCCTGACTGGGCTGTGAAGCAAAA
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 GTCTGCTGCAGTGTACAATGGCAGACGTCTTTTGAAGAGGTACAGCACTCAACAAGTGACACCGTTTT
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 TCCTGTGCTATATTCGACCTGACACTGCCGACCAACAAGTAGTTTTAGCTTGACTGTAGCCAATGTTG
 GCACGTGCCAAGCTGTCTGTGCCGAGGTGAAAGCCAGTACCTTTCTAAAGTCTTACAGTTGGAGCA
 TGACCCAGAGGAGGCACAGAGGGTGAAGGACCAGAAAGCTATCATAACAGAGGACAACAAGGTGAATGGG
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 CCTCCACTCCGCTTACCATTCAAGATGAATTGCTGATTTTGGGAAACAAGCACTGTGGAAACACTGTGTC
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 GGATGCCCAAGCAACCACTCCCTCCTTAGCAGTGGGATTGCCTCAGAGCTGAGCAGTGAAGTGTGCG
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 GCTTGTCTCCAGGCCTGAGAGGCGCTGTAGTCTGCACCTGTGCCCTCTGCAGGCACTTCCAGCGCCA
 GCCTTCTGTGCTACCTTTCCAGCAATCAGTCTGACAATGGACTGGACAGTGAAGTGAAGCAGCCTGTT
 GAAGGCGTCATAACCAATGGCAGCAGGGTTGAGGTAGAGGTAGACATTGCTGCTGCCGAGCAGAGAGT
 CTGAGAATCCCCTACTCTCCCGAAGAATTCTTCTACCCTGTTAGAGGAACATGCTAGGGGGTTGGG
 TTTTGGGATCCGAAGACAGAACAGTGTGAATAGTGGTATACTTCTGCCAGTGAACAAGACAAGATGGAG
 TTACAGAAGTCTCCCTCCACTTCTGTTTGTATGGAAAGAACTCTCAAATGGCTCCATTGTGCCCTAG
 AAGACAGCCTGAACCTCATTGAGGTGGCCACAGAAGCACCAAGAGGAAAAGTGGCTATTTTGTGCCCC
 CACTCAGCTGGAACCAGAGGATCAATTTGTTGTCCCCGTGACCTGGAAGACGAAGTGAAGGAGCAAATG
 AAGCAGCACCAGGAGCAGGCCTGAGCCTGAACCCAGGGAAGAGGACCGGACAGAGCCCTGCAGGAGT
 TTGATACAGCACTGTA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001109131

Insert Size:

4077 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:	<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:	<u>NM_001109131.1, NP_001102601.1</u>
RefSeq Size:	4148 bp
RefSeq ORF:	4077 bp
Locus ID:	498949
Cytogenetics:	19q12