

Product datasheet for **RN204552**

Ppip5k1 (NM_001080783) Rat Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Ppip5k1 (NM_001080783) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Ppip5k1 |
| Synonyms: | Hisppd2a; RGD1311552 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |
| Fully Sequenced ORF: | >RN204552 representing NM_001080783 Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGTGGTCATTGACGGCCAATGAGGACGAGGACGAGAGCGCTACGGCCCACTTCTTTCTGGAGCTGGAG
ATGAGGGGTTGGGCACCTGTGGAATAGGCATGAGGACAGGAGAGAGTGACAGTGAACCTCTTGAGGACGA
GGAGGATGAGGTGCCCCAGAACCTCAAATTATTGTTGGCATCTGTGCCATGACCAAGAAATCCAAGTCC
AAGCCAATGACCCAAATCCTAGAGCGGCTCTGCAGATTTGACTATCTGACCGTTGTCATCCTGGGAGAAG
ATGTGATCCTAAATGAGCCCGTGGAGAAGTGGCCACCCTGCCACTGTCTCATTCTTTCCACTCCAAAGG
CTTTCTCTCGACAAAGCTGTTGCTTATCCAAGCTTCGAAACCCCTTCCTTATCAATGATCTGACCATG
CAGTATTACATCCAAGACAGGAGGGAGGTGTACCGGATCTACAGGAGGAGGGTATTGATCTGCCACGAT
ATGCTGTGCTCAACCGTGACCCTGCCTGTCTGAGGAGTGCAACCTGATAGAAGGTGAAGACCAGGTGGA
GGTTAATGGAGCTGTCTTTCCAAAGCCCTTCGTGGAGAAGCCAGTGAGTGCAGAGGACCACAATGTTTAC
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CACAGACGTTAAGGTGTACACAGTGGGGCCAGATTATGCCCATGCTGAAGCTAGAAAGTCTCCAGCTTTG
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CACCAGGCCATCTCTCCTGCTGGTGTCAAGTGGGGTGGAGAGCTGACACCTGATGGCCGCGTTCAGGC
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 TGTGGGCTGCTTCGTCTCCATAGCACTTCCGTCATGACCTCAAGATCTACGCATCTGACGAGGGCCGCG
 TCCAGATGACTGCTGCTGCGTTTGCAAAGGGCCTCTTAGCTCTAGAAGGGGAGCTTACACCCATTTTGGT
 ACAAATGGTGAAGAGCGCCAACATGAATGGGCTGCTGGACAGCGACAGTACTCCCTGAGCAGCTGCCAG
 CACCGTGTGAAGGCACGACTGCATCACATCTTGCAGCAGGATGCACCCCTTGGCCCCGAGGACTATGACC
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 TTCCACTGCTGCGGAAAATCCTACTTGACCTGCAGAGAACTCACGAGGATGAGTCTGTCAACAAGCTGCA
 CCCCCTGACTCGCGTGGAGTGTCTCTCCAGGCCCATGTTTGAAGTCCGCTCTATTTACCAGTGAG
 AGCCATGTTCACTCCCTACTCAGTGTCTCCGTTATGGGGGACTTCTCGATGAGACCAAGGATGCACAGT
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 GTGAAAGGAGTTGAGGAAGGCAGTGCCCGACCGGCTGTGGATCCGTCACGCTCTTCTGAGAACGAGG
 AGATGAAAACAGATCCAGGCAGCATAGAGAACCTATGCCAGCAAAGCCGTCAGATGAGCCAGCCGAGC
 CCTGCAGACCTCACCCAGCCTGTTGAGGGCACTGGCCTCCCGAGGAGATCACCCCTCATTGTAATCGA
 AAAGCTGGCTCCATGGAGGTGCTGTCTGAAACTTCGTCTCAAGACCTGGTGGCTATCGGCTGTTTTTCT
 CTTACGGCCACCAACAGAGATGAAACAGAGCGGCCTAGGCTCACAGTGCACAGGGCTGTTACAGCACC
 AGTGTGGGCGGCTCCTCCAGTGTCCGAATCTCAGGACTACGCCCCACCCATGGCAAAAAGCTCCCCG
 CCTGCCGGTCTAAAGCACCGAGATGAGCTCTGTTTGTCCCGCCGTAACACGATTTTCTGTGCTGTTG
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 GCACAGGCATCTGCAGCCCTCTTACTCTATGCACAACCACCAGGCCTCAGATAACCCGTTTTCCCCAC
 CCCGACTCTTATTGCGCACCCCTGCAACTTCGACATCGCTCTGAAAAGCCACCTTGGTACAGCAGTGG
 GCCTTCCAGCACTGTGTCCAGTGTGGCCCTTCTCTCTACTACGGTGGATGAAAACCTCACATTTTGGC
 TTCAGTGTAGTCTCTGTAATACACAAATGATTGAAGAAAAGCAAGGCCCTTGGGTTGCTCCAGGAGA
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 TGTGAAAATCAGCCCTCCAGGAAGTCCAGGATGATCTGAGGTCAACCAAACATGCCAGGAGTCCCAGAC
 ACCATCCAGCCATGCCATGACATCCTTGAAGGATTGGCCAGCCTAACCCAGGAGTCCCCTGACATCAGCC
 AGCTTTTGTGAAGAACCATGATACTGCTACCAACACGTGTCAACCATGCCAGGCCAGCCAGCTGTCTAA
 GAAAGTTTATGAGGAAATTTGTCAGCTTTGTCAAGACAATCCTGAGGAGAGTAACCCAGCTATGCCAGGAA
 GTCTCAGTAGAGCTGGGCAGGATGGTCCACAGATCCCTGTAAGCATTGGTAGCACCACCAGGAAACCC
 TTATGAAATTTGGCAGGCCAACCAAGAGATCCCCGAAGAACCATGCCAGGAGTCTCTGAGAAGGTTGG
 CATGCTGACTCAGAAAAGCCTCTGCCATCAGTGAATATCTCAAGACATCCTTGAAGTCTGACTGACAATCCTTCC
 CAAGAGCTCTCTGAGGAGACTGATCTACAGGCTCAGGAAGTCTCTGAGGAGATTGATCAGGAGCCCGAGG
 TGGTCCCTGAGGTGGTTGATGAGCTGTCTAATGAAGATATCTCCTAA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001080783
Insert Size: 4317 bp

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| 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_001080783.1</u> , <u>NP_001074252.1</u> |
| RefSeq Size: | 5485 bp |
| RefSeq ORF: | 4317 bp |
| Locus ID: | 311355 |
| Cytogenetics: | 3q35 |