

Product datasheet for RN213102

Ppl (NM_001106976) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ppl (NM_001106976) Rat Untagged Clone
Tag: Tag Free
Symbol: Ppl
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN213102 representing NM_001106976
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGATCGCC

ATGCACTCGTCTTCAGGAAGAAAAACAAAGGCAAAATACAGCCCAACGGTGCAGACGCGGAGCATCTCCA
 ACAAGGAACTCTCAGATCTGATTGAGCAGCTGCAGAAGAATGCGGACCAGGTGGAAGGAACATTGTGGA
 CACCGAGGCCAAGATGCAGAGTGACTTGGCCCGGATGCAAGACGGGCAGCTCCCTGAGCACCGGGACGCG
 ACCCTGCAGAATGTGTCTGACTCAGAAAAGCTGCTGTACGTAAGGAGGAGACTCAGCCATCGCCAAGC
 ACATGAAGCACCCACAGGGGACATGATCGCCGAGGACATCCGCCAGCTGAAAGAGCGTGTGACCAACCT
 GCGGGGCAAAACAAGCAGATGTACAGCCTGGCAGTGAGAGAGGCTGACCCGAAGGTCAACTGGGATGCA
 CTGGTGGATGAGAACTGGACAAGCTGAGCAGCCAGAGTTTTGGGACTGACCTTCTCTGGTGGACAGCC
 AGGTGGAGCAACACAACATCTTCCACAATGAAGTCAAAGCCATCGGGCCCACTGGCCAAGGACAAGGA
 GCAGAACAGCGAACTCCAAGCCAAGTATCAGAAGTTGCTGGCAGCATCACAGGCTCGGCAGCAGCACCTG
 AGCTCGTGCAGGATTACATGCAGCGCTGCACCAATGAGCTGACTGGCTGGACCAGCAAGCCAAGGGCC
 GCATACAGTATGACTGGAGTGACCGCAACCTCGACTACCCAGCCGCGGCCAGTACGAGAATTCAT
 CAACCGGAACCTGGAGGCCAAGAAGAGAGAATCAACAACTGCACACTGAAGGCGACCAGCTGCTGACA
 GCCGAGCACCCGGGAGGAACTCCATTGAGGCACACATGGAGGCGGTGCACGCGGAGTGGAAAGGAGTACC
 TGAACCTGCTCATCTGTGAGGAGAGCCACTGAAATACATGGAAGACTATCACCAATTTCAAAAAGATAT
 GAAGGATGCTCAGGAACTGCTGCGCAAGGTGGACTCAGACTTGAACCAGAAAATACAGCCCTGACTTCAA
 GACCGATATCAGATAGAGCTGTTGCTTCGGGAGCTGGATGACCAGGAGAAGGCTCTGGACAAGTATGAGG
 ATGTGGTGCAGGGGCTGCAGAAGCGAGGGCAGCAAGTGTGCCACTCAAGTACCGCGTGTGAGACGCCACT
 CAAGCCATCCCTGTGGAGGCCCTGTGACTTTGAGGGTGACCAGGGCCTAATCTCCGGGGCTACAGC
 TACAGCTGCAGAAGAACAACGGGGAGAGCTGGGAGCTGACAGACAGCACTGGGAAGAAGCTGATGGCC
 CAGCTGTCTGCTTCATCATTCCCCCACCAGCCCGAGGCTTGGCTCTCTCGGACAGCCTGGGCAGCCA
 GTACCGGAGTGTGCGGCAGAAGGCGCCGGGAGCAAACACGCGCTCCAGCAGCGGATGAGGTGCTAAGG
 ACAGAGAACCCTGGAGATGCCTCCGATCTTCAGGGGCGACAGCTGCTGGCTGGCTTGACCAAGTGGCCA
 GTGACCTGGACCGGCAGGAGAAGGCTATCACGGGGATCTACGGCCACCCTTGAGCAGGGACGGGCAAT
 AGAAGATAGTGTGAGCGGGCAAGCACCTCAAGAACATTACCAATGAGCTGCTACAGATTGAGCCAGAG



[View online >](#)

AAGATACAGCGCACAGCTGAGTGTGAGGCCCTTCGTGCAGGCCCTCCCGGGCAGTGGCACCACACCCTTGC
TGAAGACCCGGGTGGAAGATACCAACCAGAAATATAAGCGACTGGTACAGCTGCTAGAAGCAGCCCAGGA
GAAGGTGGATGTTGCCAACCGCCTGGAGAACAGTCTGCAACGGGGCAGGGAGCTGCTGGCCTCCCACGAG
AACAGGCTGATGCAGGATGACACAATACCTGAAAGTGACTACATGTTGGACAGCAAGAGGGCAGGAGCTAG
AGGCCATGGCTTCTGAGCTGCAGGCCAGAAAGTCCCTCCTGGGTGAGGTGGAACAGAACCTGCAGGTGGC
CAAGCAGTGTCCAGCTCACTGGCCAGCCGCTTCCAAGAGCACTGCCCTGACCTGGAGGCCCAGGAGGCTGC
GAGGTACACAAGCTCAACCAGCGTTTCAACAACCTCAATCAGCAGGTGGAACGCAGGGGCCAGAGCCTGC
AGAGTGGCAGGGATGCCTACAGTGAATACTGCCGAGTTATGACCATGTGCTTTCAGTTCTTGGTCAAGAC
TCCAGTTATGAGCCCCAGGAGACAGACAGCCTCAGCCAGATGGAGACAAAACCTGAAAGAACCAGAAGAAC
TTGCTTGTAGATAGCAAGCATGGAACAAGGGGCGCAGAAGGTCTACGCAGACTCCCAACAGTACCAGC
AAGCAGTGAAGGACTATGAGCTTGAAGCAGAGAAGCTAAGGTCCCTGCTGGACTGGAGAACGGACGGAA
CAGCCATGTGAACAAGAGAGCCAGGCTGCAGTCTCCTGCTGCCAAAGTGAAGGAAGAGGAAGCTGCTCTT
GCTGCCAAGTTACAGAAGTTAATGCCATCAACAGACAGAGGCTACAAAATTTGGAGTTTGCAGTGAATC
TCTTGAGACAGCAACCAGAGGCAGGAGTGACCCATGAGACTCTGCAAGGGAGAGAGCAAGGCTCTGGCAT
GGAGGAAACATGGAAGATTGAGAAGAACTGGAGGAGGAGATGGAGCGAAGGCAACAGTTGGAAAATGAG
GTCAAGAGTGCCAGGAAGAAATCCAGACCCCTGAAGGATCAGGGTCTCAGGAATCATTGGTGAGGAAGG
AGGTGCTGAAGAAGGTGCCAGACCCCTGCCCTGGAGGAGAGCTTCCAGCAGCTGCAGCAGACCCCTGGCTGA
GGAACAGCACAAGAACCAGCTGTTGCAGGAGGAGCTGGGAGCACTGCAGCTCCGGCTGCAGGCCCTAGAA
CAGGAGACCAGGGATGGGGGACAAGAGTATGTGGTCAAGGAGGTCTTGGCATTGAGCCAGACAGAGCCC
AGGAGGATGAGGTTTTACAGCTTCGGGAGGAGCTGGAGGGACTACGGCCGCAAAAGGTGCCCGAGAGGC
TGAGGTACTACTTTACAGCAGCGCGTAGCAGCCCTAGCTGCTGAGAAGAGCAGGGTACAGGAAAAGGTC
ACTGAGAGAGAGGTGGTAAAGCTACAGAATGACCCTCAGCTGGAGGCAGAATACCGGAGGCTACAGGAGG
AACACCAACGGGAAGGTACACTCAGGGAGAAGCAGGAAGAGGAGCTGAGTTTCTACAGCCCAAGTCAAG
GAGACTGGAGAAAAGAACGAGCCATGGCAGAAGGCAAGATCACTGTCAAAGAGGTGCTCAAAGTAGAGAAA
GATACAGCTGCAGAGAGGGAAGTCAATGACCTCAGCCGCCAGTATGAGGATGAGGCTTCCAGGCTCGCA
CTAGCCAGCGGGAGAAGACAGAGCTTCTCAGAAAGATATGGGCCCTGGAAGAAGAAAATGCCAAGGTGGT
GGTACAGGAGAAGGTCCGAGAGATTGTGCGGCCAGATCCCAAGGCAGAGAGTGAAGTGGCCAACCTCCGC
CTGGAGCTGGTGGAGCAGGAGCGCAAATTCAGAGGTGCTGAGGAGCAGCTGAAGAGCTACCAGAGTGAGC
TGGAGGCCCTACGGAACCGGGCCACAAGTGAAGTCAAAGAGGTGACCAAGAGGTATTAAATACAC
AACTGACCAGAGACGGAGCAGGAACCTCAGCGACTCAGGGAGGAGATCATGGACAAGACCAGGTTAATA
GAAAGGTGTGACTTAGAGATTTATCAGCTGAAGCAGGAGATCCAATCCTGAAAGACACCAAGCCACAGG
TGACAGCTAGAGAGGTGGTCCAGGAGATCTGCAGTTCAGGAAGACCCCAAAACCAAGAAGGAGGTAGA
GTCTCTGCGTATACAGCTGTGAGAAGAAAAGAAGAACTGGTGGACCTGGAAGGGGAGCAGGCATCCAG
GAAGAGAAGATCAAACGCAAGGAGGAAGAGCTGGCCCAGGGTAAGGAAAGGATTGTACGCCAGGAGGTGG
TACAGTATGAAGATGAGCCAGATTTGCGGGCTGAGGTGACTGCCTTACAGACAGCATTGATGTTGAGCT
GAGGCAGATTGATAAACTGTGTGTGGAGCTACGGCCGCTACAGCATCGCAGAGCAGAGCTGGAGAGGCAG
CTGGAGGAGCTGGAGCGTGAGAGGCAGGCACGTAGGGCAGCTGAGCTGGAGGTGCAGAGGCTGCAACAGC
GGCTGGCTGCACTGGAGCAAGAGGAGGCCAAGACTGGTGAAGTGAACCCACACAAAAGGTGGTGGTCT
GCAGCAGGACCCACAGCAAACCAGGGAACATGCCCTGCTCCGAGCCAGCTGGAGGAAGAGCGCACCCGG
AGGCAGCTACTGGAGGGTGAGCTTGGAGCCCTGCGTAGAAAAGTTGGCTGCCCTGGAGAAGACAGAGATCA
AAGAAAAGGTGGTCTTCCGAGAGTGTCCAGGTAGAAAAGGTTGACACTGAGCAAGAGATCCAGCGGCT
CAAGAAGAGCCTGGAAGAGGAGAGCCGGAGCAAGAGGGAGCTAGATTGAGAGGTGACCCGGCTGGAAGCC
AAGTTATCTGAGCTAGAATTCTACAATTCAGTCAATCAAGGAACTGGATTTCTGAGAGAAGAAAACC
ACAAGCTACAGCTAGAGCGGCAAAACCTGCAGCTAGAGACCCGGAGACTCCAATCAGAGATTGAGATGGC
CGCAACAGAAAACCTGAGATCTGAAGAACATAACCATGGTAGACTCTGGAACCCACCTAAACTCTAGGCTG
TGGTCCCTAGAGAAGGAACTGGATGACCTCAAGAAGATGTCCAAGGACAAGGATCTGGAGATCGATGAAC
TGCAGAGGCGTCTGGGCTCTGTAGCCGTCAAGAGGGAGCAGAGGGAGAACCACCTGAGGGCTCCATAGT
GGTCATTGACCCTGACACAGGTCGTGAGCTGTCCCAGAGGAGGCCACCGGGCTGGGCTCATCGACTGG
AAAATGTTCTGTAAGCTCAGAAGCCAGGAGTGTGACTGGGAAGAGATATCAGTGAAGGTCCTAATGGGG
AGTCATCAGTAATCCATGACAGGAAGTCTGGCAAGAAGTTTTCCATTGAGGATGCTCTGCAGAGTGGCAG
GCTAACCCCTGCTCAATATGACCCTATGTCAACAAGGATATGTCCATTCAGGAGCTGGCAGTCTTGGTG
TCTGGGCAGAAGTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001106976

Insert Size: 5265 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:

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_001106976.1, NP_001100446.1

RefSeq Size: 6281 bp

RefSeq ORF: 5265 bp

Locus ID: 302934

Cytogenetics: 10q12