

Product datasheet for RN214540

Qpctl (NM_001106230) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Qpctl (NM_001106230) Rat Untagged Clone
 Tag: Tag Free
 Symbol: Qpctl
 Synonyms: RGD1308128
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >RN214540 representing NM_001106230
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGC**C

ATGAGTCCGGCCAGCCGCGGGCGGTCTCGGCAGCGGCTCGGGATCGCGGCTCATGAAACCACCCTCAC
 TTCCAAGCGCCGTCTTCTGCCGCGGTGCAGCTCCTGCCCTGCTGCTGCTGGCGCTGGCCCTGGGCTT
 GGCTTTTTATATCGTCTGGAATAGCTGGCACCCCTGGGGTTGAGGAGGTATCACGGAGCCGGGATCTGCGG
 GTCCCGCTGATCGGAAGCCTTTCAGAAGCCAAGCTGCGGCTTGTGGTAGGGCAGCTGGATCCACAGCGTC
 TCTGGGGAACTTTTCTGCGTCCCTTGTGATTGTACGACCCCCAGGTAGTCTGGCAATCTCCAAGTGAG
 AAAGTTCTCGGAGGCTACGTTGCAGTCCCTATCGGCAGGCTGGCACGTGGAAGTGGACCCATTACAGCC
 TCAACCCCTTGGGGCCACTGGACTTCGGGAACGTGGTGGCCACCCTTGACCCAGGAGCTGCCCGTCACC
 TCACCCCTGCCTGCCATTATGACTCTAAGTTCTCCCTCCTGGGTTACCCCTTGTGGGGCCACAGA
 TTCAGCCGTGCCCTGTGCCCTGCTTCTGGAGTTAGTCCAGGCCCTTGATGTCATGCTGAGCAGAATCAAG
 CAGCAGGCAGCACCAAGTACCCTGCAGCTGCTCTTCTGGACGGGAGGAGGCACTGAAGGAGTGGGGAC
 CAAAGGACTCCCTCTATGGTCCCGGCACCTAGCTCAGATCATGGAGTCTATACCCGACAGCCCTGGCCC
 CACCAGGATCCAGGCTATTGAGCTCTTTGCTCTTCTTGACCTTCTGGGAGCGCCCAATCTTCTTCTC
 AGTCACTTCCCCCGCACAGCCCGCTGGTCCAACGACTGCGGAGCATCGAGAAGCGCCTTACCCTCTGA
 ACCTACTGCAGTCTACCCCCAGGAAGTGTACTTCCAACCCGGGAGCCCTTGGCCCTGTGGAAGA
 TGACCACATCCCCTTCTTTCGAGAGGGGTCCCGGTGCTCCACCTCATTGCGATGCCCTTCCCTGCCGTG
 TGGCACACACCTGCTGACACTGAGGCTAACCTCCACCCGCCACGGTGCACAACCTGAGCCGCATCTCTCG
 CCGTGTCTCTGGCTGAGTACCTGGGTCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI



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ACCN:	NM_001106230
Insert Size:	1152 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_001106230.1, NP_001099700.1</u>
RefSeq Size:	2166 bp
RefSeq ORF:	1152 bp
Locus ID:	292687
Cytogenetics:	1q21