

Product datasheet for MC217871

Qpct (BC020023) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
 Product Name: Qpct (BC020023) Mouse Untagged Clone
 Tag: Tag Free
 Symbol: Qpct
 Synonyms: 5730422A13Rik
 Vector: pCMV6-Entry (PS100001)
 E. coli Selection: Kanamycin (25 ug/mL)
 Cell Selection: Neomycin
 Fully Sequenced ORF: >BC020023
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCAGGCAGCGAAGACAAACGCGTCGTGGGCACTCTCCACCTGCTGCTACTGCAGGCGACCGTCCTGT
 CTCTGACAGCTGGGAATCTGAATCTGGTCTCCGGTGCCTGGACGCAGGAGAAGCACATCATGCAACGAAT
 TCAGAGACTTCAGGCTGAGTGGGTCGTGGAAGTTGACACCTTCTGAGTAGGACTCCCTATGGCTATCGG
 TCCTTCTCAAATATCATCAGCACTCTTAACCCGGAAGCGAAACGACACCTGGTCCCTCGCCTGCCACTACG
 ACTCCAAATATTTTCTCGATGGGACAGCAGAGTGTGGTGGGAGCCACGGATTCAGCTGTGCCATGTGC
 AATGATGTTGGAACCTGCCCGTGCCTTAGACAAGAAATCCATTCTTGAAGGATGTCTCTGGTTCCAAG
 CCAGATCTCTCACTCCGGCTAATTTTCTTTGATGGTGAAGAGGCTTTTCATCACTGGTCCCTCAAGATT
 CTCTGTATGGGTCTCGGCACTTAGCTCAGAAGATGGCATCAAGCCCTCACCTCCTGGATCAAGAGGCAC
 CAACCAACTGGATGGCATGGATCTGTTGGTCTTACTAGATTTAATTGGAGCAGCAATCCAACATTCCT
 AATTTTTTCCCAAGACTACCAGATGGTTAATAGACTTCAAGCAATTGAAAAGGAATTTGAATTGG
 GATTACTCAAGGATCATTCTTTGGAGAGGAAGTATTTTCAGAAATTTGGCATGGAAATATTCCAGGA
 TGACCACATTCATTTTAAAGAAAAGGTGCCAGTTCTTACCTGATAGCTTCTCCTTCCCTGAAGTC
 TGGCACACCATGGATGACAATGAAGAAAATCTACATGCGTCAACCATTGACAATCTCAACAAAATCATT
 AAGTCTTTGTGTTGGAATATCTTCACTTGTA

AG**CGGACCG**ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATA
 TCCTGGATTACAAGGATGACGACGATAAGGTTAA

Restriction Sites: SgfI-RsrII
 ACCN: BC020023
 Insert Size: 942 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>BC020023</u> , <u>AAH20023</u>
RefSeq Size:	1486 bp
RefSeq ORF:	941 bp
Locus ID:	70536
Cytogenetics:	17 E3
Gene Summary:	Responsible for the biosynthesis of pyroglutamyl peptides. Has a bias against acidic and tryptophan residues adjacent to the N-terminal glutaminy residue and a lack of importance of chain length after the second residue (By similarity).[UniProtKB/Swiss-Prot Function]