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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
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)

Fully Sequenced ORF:

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>BC020023
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGCAGGCAGCGAAGACAAACGCGTCGTGGGCACTCTCCACCTGCTGCTACTGCAGGCGACCGTCCTGT
CTCTGACAGCTGGGAATCTGAATCTGGTCTCCGGTGCCTGGACGCAGGAGAAGCACATCATGCAACGAAT
TCAGAGACTTCAGGCTGAGTGGGTCGTGGAAGTTGACACCTTCCTGAGTAGGACTCCCTATGGCTATCGG
TCCTTCTCAAATATCATCAGCACTCTTAACCCGGAAGCGAAACGACACCTGGTCCTCGCCTGCCACTACG
ACTCCAAATATTTTCCTCGATGGGACAGCAGAGTGTTTGTGGGAGCCACGGATTCAGCTGTGCCATGTGC
AATGATGTTGGAACTTGCCCGTGCCTTAGACAAGAAACTCCATTCCTTGAAGGATGTCTCTGGTTCCAAG
CCAGATCTCTCACTCCGGCTAATTTTCTTTGATGGTGAAGAGGCTTTTCATCACTGGTCCCCTCAAGATT
CTCTGTATGGGTCTCGGCACTTAGCTCAGAAGATGGCATCAAGCCCTCACCCTCCTGGATCAAGAGGCAC
CAACCAACTGGATGGCATGGATCTGTTGGTCTTACTAGATTTAATTGGAGCAGCAAATCCAACATTCCCT
AATTTTTTCCCCAAGACTACCAGATGGTTTAATAGACTTCAAGCAATTGAAAAGGAACTCTATGAATTGG
GATTACTCAAGGATCATTCTTTGGAGAGGAAGTATTTTCAGAATTTTGGCTATGGAAATATTATCCAGGA
TGACCACATTCCATTTTTAAGAAAAGGTGTCCCAGTTCTTCACCTGATAGCTTCTCCTTTCCCTGAAGTC
TGGCACACCATGGATGACAATGAAGAAAATCTACATGCGTCAACCATTGACAATCTCAACAAAATCATTC
AAGTCTTTGTGTTGGAATATCTTCACTTGTAA

AGCGGACCGACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATA
TCCTGGATTACAAGGATGACGACGATAAGGTTTAA
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Restriction Sites:	SgfI-RsrII
ACCN:	BC020023

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Insert Size:	942 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:	BC020023, AAH20023
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 glutaminyl residue and a lack of importance of chain length after the second residue (By similarity).[UniProtKB/Swiss-Prot Function]

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