

Product datasheet for RN212445

Qpct (NM_001134557) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Qpct (NM_001134557) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Qpct
Synonyms:	Qpctl1; RGD1562284
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN212445 representing NM_001134557 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGGCGCGAAGACAGGCGCGTCGTGGCACCCGCCACCTGCTGCTGCTGGCGACCATCCTGTCCC
TGACAGCCGGGATTCTGAGTCCGGTCTCCGCTGTTGCCTGGACGCAGGAGAAGCACATCATGCAGCGAAT
TCAGAGACTTCAGGCTGAGTGGTCTGGAAGTCGACACCTTCTCAGTAGGACGCCCTACGGATATCGG
TCCTTCTCAAATATCATCAGCACCCCTAATCCGGAAGCGAAACGACACCTGGTCTTGCCTGCCACTATG
ACTCCAAATACTTCTCAATGGGACAGCAGAGTGTGGGAGCCACTGATTCAGCCGTGCCGTGCC
AATGATGTTGAACTCGCTCGTGCCTTAGACAAGAACTCCATTCTTGAAGGATGTCTCCGGTCCAGG
CCGGATCTCTCGCTCCGGCTAATTTCTTGGATGGGGAAGAGGCCCTTCTCACTGGTCTCTCAAGATT
CTCTGTATGGGTCTCGGCACTTAGCTCAGAAGATGGCATCAAGCCCTCACCTCCTGGATCAAGAGGCAC
CAACCACTGGATGGCATGGATCTGTTGGTCTTACTGGATTTAATTGGAGCAGCAATCCAACATTTCT
AATTTTTCCCAAGACTACCAGATGGTTACTAGACTCAAGCAATTGAACAGCAGCTCTCTGAGTTGG
GTTTACTCAAGGATCATCTTTGGAGAGGAAATATTTTCAGAATTTGGTTATGGAATATTATCCAGGA
TGACCACATTCATTTTTAAGAAAAGGTGCCAGTCTTACCTGATAGCTTCTCCTTTCCCTGAAGTC
TGGCACACCATGGATGACAATGAAGAAAATCTGCACTCGTCAACCATTGACAATCTCAACAAAATCATTC
AGGTCTTTGTGTTGGAATATCTTCACTT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja1778_e11.zip

Restriction Sites: Sgfl-Mlul



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ACCN:	NM_001134557
Insert Size:	942 bp
OTI Disclaimer:	<p>Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.</p> <p>The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info</p>
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:	NM_001134557.1 , NP_001128029.1
RefSeq Size:	942 bp
RefSeq ORF:	942 bp
Locus ID:	313837
Cytogenetics:	6q11
Gene Summary:	human homolog is a glutaminyl-peptide cyclotransferase that is involved in the presence of pyroglutamyl residues in neuroendocrine peptides [RGD, Feb 2006]