

Product datasheet for **RN215181**

Pcif1 (NM_001108605) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pcif1 (NM_001108605) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Pcif1
Synonyms:	RGD1310800
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN215181 representing NM_001108605

Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCCAATGAGAATCACGGCAGCCCCGGGAAGAAGCATCCCTTCTAAGTCACTCTCCAGGCACCTCCA
ATCAGAACCCAGCCCTGTTCTCCAAAGCCAGTTCGCCTGGTACAGGACCTCCAGAGGAAGTGGTACATGC
AGGCTGGGAGAAGTGCTGGAGCCGAAGGAGAGCCGTCCTACTACTTCAACCGATTACCAACCAAGTCC
CTGTGGGAGATGCCTGTGCTGGGTGAGCAGATGTGCTTTCGACCCCTTTGGGGTAAATGCAACCCAC
TGCCCCAAGACTCAACCTTAGTGAAACTCCCCAGTAGAGAACAAGCCAGAAAGCGACAGCTCTCAGA
AGAGCAGCCAAGTGGCAATGGAGTGAAGAAGCCCAAGATTGAAATACCTGTGACACCCACAAGCCAGTCCG
GTGCCCAGTTCCTCCGACCCACTGAGGTGTACTGGGACCTGGACATCCAGACCAATGCTGTCATCAAGCA
AAGCAGCTCTCTCCGACCCACTGAGGTGTACTGGGACCTGGACATCCAGACCAATGCTGTCATCAAGCA
CAGGGGTCTTCTGAGGTCTGCCCCACACCCTGAGGTTGAGTCTCCGCTCTCAGCTCATCTTGAAG
CTGCGCCAGCACTACCGGAACTGTGCCAGCAGCGGGAGGGCATTGAGCCACCCCGGAATCTTTCAACC
GCTGGATGCTAGAGCGCAAAGTGGTGGACAAAGGCTGTATCCTCTGTTGCCAAGCAACTGTGAACCACT
TGTGTCTCCGTCCATGTTTCGTGAAATTATGAATGACATTCCTATCAGGTTATCTCGAATCAAGTCCCG
GAGGAAGCCAAACGCCTGCTCTTTAAATATGCAGAAGCTGCCAGGCGGCTCATTGAGTCCAGGAGTGCAT
CCCCTGACAGCAGAAAAGTGGTCAAGTGGAAATGTGGAGGACACCTTTAGCTGGCTGCGGAAGGAGCACTC
AGCCTCGAAGGAGGACTACATGGACCGCTGGAGCACCTGCGGAGGAGTGTGGGCCCCATGTCTCTGCT
GCAGCCAAGGACTCTGTGGAGGGCATCTGCAGCAAGATCTACCACATCTCCCTGGAATATGTTAAACGGA
TCCGAGAGAAGCACCTTGCCATCCTCAAGGAGAAACAATCCAGAGGAAGTAGAGGCCTCAGAGTTGGA
GCCCGCCTGGTATACTGCTACCCAGTGCCTGGCCGTGTCTGCACCCCATGCCTAGTGTGGAGATG
CACATGGAGAACAGTGTAGTCTGCATCCCTACAAGGAGAGATGGTCAAGGTCAGCCGACGCTACTTCA
GCAAACGTGGCTCCTCTACCGCTACAGCTGTGTGGATGACTCTGCCTTTGAGAGGTTCTGCTAGAGT
CTGGTGTCTTCTCCGTCGATATCAGATGATGTTTGGTGTGGGCTCTATGAGGGGACTGGCTGCAGGGG
TCACTGCCAGTGACGCTTTGAGGCCCCTCCACAGACTCTTGGTGTGAGTTTCGAGTGTCTGCCTCAC
CCCTCACTGCTACTTCCGCCAGTACTGTTCTGCCTTCCCTGACACAGATGGCTACTTTGGCTCCCGCG
GCCCTGCCTGGACTTACCCCGCTGAGTGGTTCCTTTGAGGCCAACCTCCGTTCTGCGAGGAGCTCATG
GATGCTATGGTCTCTCACTTCGAGAACTGCTGGAGAGCTCACCAGAACCCTGTCTTCATTGTGTTCA
TCCCGGAGTGGCGGGAGCCCCAACACAGCGCTCACCCGAATGGAGCAGAGCCGCTTCAAACGCCACCA
GCTGGTCTTGTCTGCCTTTGAGCAGAGTACCGCAGTGGCTCCCAGCACATCTGCAAGAAGGAGGAAATG
CACTACAAGGCCGTCACAACACGGCAGTGTCTTCTTGCAGAATGACCCCGGGTTCCGCAAGTGGGGG
CGACGCCAGAGCGGCTGCAGGAGCTCACCGCTGCTTATAAGCAGTCGGGCCGAGCCATGGCTCCAGCTC
TTCCTCTCTCTCTCTCTCAGAGGCCAAGGACCGGGACTCCGGCCGGGAGCAGGGCCCTAGTCGAGAG
CCTCACCCACC**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001108605

Insert Size:

2115 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:	<u>NM_001108605.1, NP_001102075.1</u>
RefSeq Size:	3977 bp
RefSeq ORF:	2115 bp
Locus ID:	362269
Cytogenetics:	3q42