

Product datasheet for **RR215505**

Pcgf2 (NM_001105836) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Pcgf2 (NM_001105836) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: Pcgf2
Synonyms: Rnf110
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR215505 representing NM_001105836
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGCATCGGACCACCGGATTAATACACGGAGCTGAACCCTCACCTCATGTGTGCCCTCTGTGGGGCT
ACTTCATCGACGCCACCACGATTGTGGAATGCTTACATTCCTTCTGCAAAACCTGCATCGTGCCTACTT
GGAGACCAACAAATACTGCCCATGTGTGATGTCCAGGTCATAAAACACGGCCACTGCTCAGCATCAGA
TCAGACAAAACCTCCAGGACATTGTCTACAAGTTGGTGCCTGGGCTTTTAAAGATGAGATGAAACGGA
GACGGGACTTCTACGCGGCATACCCCTGACAGAGGTCCCAACGGCTCCAACGAGGACCGAGGTGAGGT
CCTGGAACAGGAGAAGGGGGCTCTGGGTGACGACGAGATTGTCAGCCTGTCCATTGAGTTCTATGAAGGC
GTCAGGGACCGAGAGGAGAAGAAGAGCCTCGTGGAGAATGGGGACGGGGACAAGGAGAAGACAGGAGTGC
GGTTCTCGCATGCCCGCGGCCATGACCGTGATGCACCTCGCCAAGTTCCTCCGCAACAAAATGGATGT
GCCCAGCAAGTACAAGGTGGAGATCCTCTATGAAGACGAGCCCTGAAGGAATACTACACCTTAATGGAC
ATAGCCTACATCTACCCGTGGCGGAGGAATGGCCTCTCCCTCAAGTACCGTGTCCAGCCAGCCTGCA
AGAGGCTCACCTACCCACAGTGCCAACCTCCCTCAGAAGGCACCAACACCAGCGGGGCTCCGAGTGTGA
GTCAGTCAGCGACAAGGCTCCCAGCCTGCCACCCTCCGCCACCTCCTCCTCCTTGCCAGCCCTGCG
ACCCCATCCCATGGCTCTCCAGCTCCCAGGCCCCAGCCACCATCCTACCTCCCCACTCCACCTT
CAACTGCTGCTGGAACCACAGCTACCAATGGGGCACTTCGAACTGCCTGCAGACGCCATCCTCCAC
CAGCAGGGGGCGCAAGATGACTGTTAATGGAGCTCCTTGCCCCCT

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR215505 representing NM_001105836
Red=Cloning site Green=Tags(s)

MHRTRRIKITELNPHLMCALCGGYFIDATTIVECLHSFCKTCIVRYLETNKYCPMCDVQVHKTRPLL SIR
 SDKTLQDIVYKLVPLFKDEMRRRDFYAAAYPLTEVPNGSNEDRGEVLEQEKALGDDEIVLSIEFYEG
 VRDREEKSLVENDGDKEKTGVRFLRCPAAMTVMHLAKFLRNKMDVPSKYKVEILYEDEPLKEYYTLMD
 IAYIYPWRRNGPLPLKYRVQPACKRLTLPTVPTPSEGTTNTSGASECESVSDKAPSPATLPATSSSLPSA
 TPSHGSPSSHGPPATHPTSPTPPSTAAGTTTATNGGTSNCLQTPSSTSRRGRKMTVNGAPCPP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

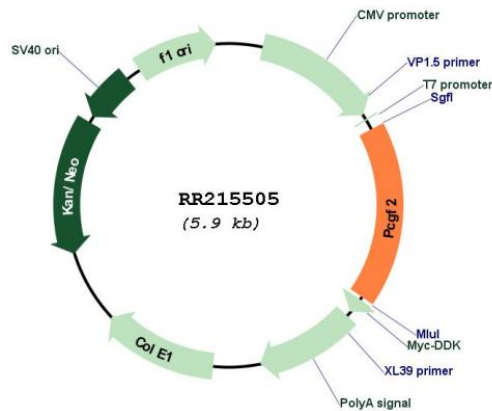
Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001105836

ORF Size: 1026 bp

OTI Disclaimer:	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
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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_001105836.2 , NP_001099306.1
RefSeq Size:	1385 bp
RefSeq ORF:	1029 bp
Locus ID:	287662
Cytogenetics:	10q31
MW:	37.7 kDa