

Product datasheet for **RN206664**

Calcr1 (NM_012717) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Calcr1 (NM_012717) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Calcr1
Synonyms:	CLR; Cr1r; RATCRLR; RNCLR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN206664 representing NM_012717
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGATGGATAAAAAGTGTACACTATGTTTTCTGTTTCTCTTGCTTCTTAATATGGCTCTCATCGCAGCAG
 AGTCGGAAGAAGGCGCGAACCAACAGACTTGGGAGTCACTAGGAACAAGATCATGACGGCTCAGTATGA
 ATGTTACCAAAAGATCATGCAGGATCCATTCAACAAGGAGAAGGCCCTTACTGCAACAGAACCTGGGAC
 GGATGGCTATGCTGGAATGACGTTGCAGCAGGAACCGAGTCAATGCAGTACTGCCCTGATTACTTTCAAG
 ATTTTGTACCTTCAGAGAAGGTTACAAAGATCTGTGACCAAGATGGAACTGGTTCAGACATCCAGATAG
 TAACAGGACATGGACAACTACACCTTGTGAACAACAGCAGCATGAGAAAAGTGAAGACAGCACTGAAT
 TTGTTCTACCTAACTATAATTGGACATGGATTATCTATTGCTCTCTGATCATCTCACTCATATTTT
 TTTATTTCAAGAGCCTAAGTTGCCAACGGATTACATTGCATAAAAACCTGTTCTTTTCATTTGTTGTAA
 TTCGATTGTGACAATCATTACCTCACGGCAGTGGCCAATAACCCAGGCCCTAGTGGCCACAAATCCTGTG
 AGCTGCAAGGTGCCAGTTCATTATCTTTACCTGATGGCTGTAACACTTTTGGATGCTCTGTGAAG
 GCATTTACCTGCACACTCATTGTGGTGGCTGTGTTGCAGAGAAGCAGCACTTGTGTTGTTATTT
 TCTTGGCTGGGGTTTCTCTGCTTCTGCCTGCATCCATGCCATCGCCAGAAGCTTGTATTACAATGAC
 AACTGCTGGATCAGCTCAGACACTCATCTCCTCTACATCATCCATGGTCCATTTGTGCTGCTTTACTGG
 TAAATCTCTTTTCTATTAAATATTGTACGTGTTCTCATCACCAGTTGAAAGTTACACACCAAGCAGA
 ATCCAATCTACATGAAAGCTGTAAGAGCCACTCTCATCTTGGTACCCTACTTGGCATTGAATTTGTG
 CTTTTTCCATGGCGCCTGAAGGAAAGTTGCTGAGGAGGTGTATGACTATGTCATGCACATTCTCATGC
 ACTATCAGGGTCTTTTGGTGTCTACAATTTCTGCTTCTTAAACGGAGAGGTTCAAGCAATTCATGAAAG
 AAATTGGAACCAAGTATAAAATCCAATTTGGCAATGGCTTTTCCCACTCTGATGCTCTCCGACGGCATCC
 TATACGGTGTCAACAATCAGCGATGTGCAGGGGTACAGCCAGCACTGCCCACTGAACACTTAAATGGAA
 AAAGCATCCAGGATATTGAAAATGTTGCCTTAAACCAGAAAAATGTATGATCTAGTGT**GTA**

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Chromatograms: https://cdn.origene.com/chromatograms/ja2324_e02.zip

Restriction Sites: SgfI-MluI

ACCN: NM_012717

Insert Size: 1395 bp

OTI Disclaimer: 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.

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](#)

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>NM_012717.1</u> , <u>NP_036849.1</u>
RefSeq Size:	2095 bp
RefSeq ORF:	1395 bp
Locus ID:	25029
UniProt ID:	<u>Q63118</u>
Cytogenetics:	3q24
Gene Summary:	G-protein coupled receptor for either calcitonin gene-related peptide or adrenomedullin that may play a role in vascular tone [RGD, Feb 2006]