

## Product datasheet for **RC228079**

### CRCP (NM\_001142414) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CRCP (NM\_001142414) Human Tagged ORF Clone  
**Tag:** Myc-DDK  
**Symbol:** CRCP  
**Synonyms:** C17; CGRP-RCP; CGRPRCP; POLR3I; POLR3J; RCP; RCP9; RPC9  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**ORF Nucleotide Sequence:** >RC228079 representing NM\_001142414  
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGC**

ATGCAGCGCGGATCCCGGCGAGCACCTTGGCGCGGAGCTGGCACCTTGGCGCTGTTGGTGGCGCGG  
GAGACAGCTGTGAAGTGAAGGATGCCAATTCGCGCTTCTCAGTAACTACGAGACGTTAAAATACATATC  
AAAAACACCATGCAGGCACCAGAGTCCTGAAATTGTCAGAGAATTCTCACAGCATTGAAAAGCCACAAG  
TTGACCAAAGCTGAGAAGCTCCAGCTGCTGAACACCGGCTGTGACTGCTGTGGAGATCCAGCTGATGG  
TGGAAGAGAGTGAAGAGCGGCTCACGGAGGAGCAGATTGAAGCTTTCTCCACACCGTCACCAGCATTCT  
GCCTGCAGAGCCAGAGGCTGAGCAGAAGAAGATACAAACAGCAATGTGGCAATGGACGAAGAGGACCCA  
GCA

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC228079 representing NM\_001142414  
Red=Cloning site Green=Tags(s)

MQRGDPGEHLGARSWHLGAVGGGDSCEVKDANSALLSNYETLKYISKTPCRHQSP EIVREFLTALKSHK  
LTKAEKLQLLNHRPVTAVEIQLMVEESEERL TEEQIEALLHTVTSILPAEPEAEQKNTNSNVAMDEEDP  
A

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

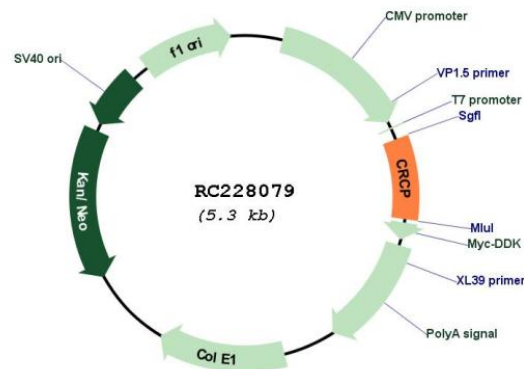


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## Cloning Scheme:



## Plasmid Map:



ACCN: NM\_001142414

ORF Size: 423 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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>
<b>RefSeq:</b>	<u>NM_001142414.1, NP_001135886.1</u>
<b>RefSeq ORF:</b>	426 bp
<b>Locus ID:</b>	27297
<b>UniProt ID:</b>	<u>O75575</u>
<b>Cytogenetics:</b>	7q11.21
<b>Protein Families:</b>	Druggable Genome
<b>MW:</b>	15.4 kDa
<b>Gene Summary:</b>	This gene encodes a membrane protein that functions as part of a receptor complex for a small neuropeptide that increases intracellular cAMP levels. Alternate transcriptional splice variants, encoding different isoforms, have been characterized. [provided by RefSeq, Jul 2008]