

Product datasheet for **RC217080**

CRCP (NM_001040648) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: CRCP (NM_001040648) 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: >RC217080 representing NM_001040648
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGAAGTAGCTGAGAAGCTCCAGCTGCTGAACCACCGCCTGTGACTGCTGTGGAGATCCAGCTGATGG
TGGAAGAGAGTGAAGAGCGGCTCACGGAGGAGCAGATTGAAGCTTTCTCCACACCGTCACCAGCATTCT
GCCTGCAGAGCCAGAGGCTGAGCAGAAGAAGAATACAAACAGCAATGTGGCAATGGACGAAGAGGCCCA
GCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC217080 representing NM_001040648
Red=Cloning site Green=Tags(s)

MEVAEKLQLLNHRPVTAVEIQLMVEESEERL TEEQIEALLHTVTSILPAEPEAEQKKNNTNSNVAMDEEDP
A

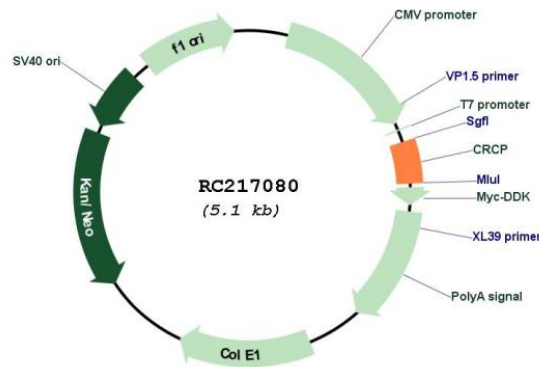
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:

Plasmid Map:


ACCN: NM_001040648

ORF Size: 213 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:	<u>NM_001040648.1</u> , <u>NP_001035738.1</u>
RefSeq Size:	2589 bp
RefSeq ORF:	216 bp
Locus ID:	27297
UniProt ID:	<u>O75575</u>
Cytogenetics:	7q11.21
Protein Families:	Druggable Genome
MW:	7.8 kDa
Gene Summary:	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]