

Product datasheet for **SC114980**

CRCP (NM_014478) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CRCP (NM_014478) Human Untagged Clone
Tag:	Tag Free
Symbol:	CRCP
Synonyms:	C17; CGRP-RCP; CGRPRCP; POLR3I; POLR3J; RCP; RCP9; RPC9
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF sequence for NM_014478 edited ATGGAAGTGAAGGATGCCAATTCTGCGCTTCTCAGTAACTACGAGGTATTTTCAGTTACTA ACTGATCTGAAAGAGCAGCGTAAAGAAAGTGAAAGAATAAACACAGCTCTGGGCAACAG AACTTGAACACTATCACCTATGAAACGTTAAAATACATATCAAAAACACCATGCAGGCAC CAGAGTCCTGAAATTGTGAGAGAATTTCTCACAGCATTGAAAAGCCACAAGTTGACCAAA GCTGAGAAGCTCCAGCTGCTGAACCACCGGCTGTGACTGCTGTGGAGATCCAGCTGATG GTGGAAGAGAGTGAAGAGCGGCTCACGGAGGAGCAGATTGAAGCTCTTCTCCACACCGTC ACCAGCATTCTGCCTGCAGAGCCAGAGGCTGAGCAGAAGAAGAATACAAACAGCAATGTG GCAATGGACGAAGAGGACCCAGCATAG



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_014478 unedited GGGGGGGGGGGNAANNNTTNTTTACNNNNNGGGTTCATNATTTGTNATACGAC TCCTATAGGCGGCGCGNAATTCGCACGAGGGAACACCTTGGCGCGCGNACTGGCACCT TGGCGCTGTTGGTGGCGGCGGAGACAGCTGTGAAGTGTGAGGTTCTTTGTCTGCTGGCAG CTAGGGGCGACGAGGCGGGACGTCATGGAAGTGAAGGATGCCAATTCTGCGCTTCTCAGT AACTACGAGGTATTTTCAGTTACTAACTGATCTGAAAGAGCAGCGTAAAGAAAGTGGAAAG AATAAACACAGCTCTGGCAACAGAATTGAACACTATCACCTATGAAACGTTAAAATAC ATATCAAAAACACCATGCAGGCACAGAGTCCTGAAATTGTGAGAGAATTTCTCACAGCA TTGAAAAGCCACAAGTTGACCAAAGCTGAGAAGCTCCAGCTGCTGAACCACCGGCCTGTG ACTGCTGTGGAGATCCAGCTGATGGTGAAGAGAGTGAAGAGCGGCTCACGGAGGAGCAG ATTGAAGCTCTTCCACACCGTCACCAGCATTCTGCCTGCAGAGCCAGAGGCTGAGCAG AAGAAGAATACAAACAGCAATGTGGCAATGGACGAAGAGGACCCAGCATAGAAGAGCACA GCTGGCCCCGGCGTTTCATGAAGTCAGAAGGCCTGGCAGCCATTTCTGNACGTTGAGAG GATTGTTTATTTGATTTTATCCTCATCCAGCAGGCCTGGCTTTGTGGTTAGTTGGGTA CATCACA AAAATAGTTAAAAGAAATATTTGTGCCTTGGGGAGAAAGAAACATGTAAAA CAGNGCTGAGTTGTCAGGNCANANAGCTGAANGTGGNGACAGTGACCCCGNACCCTCT GTGCTTGAAGATTNCTNCACGNCTTTGCCCCAGTGTGGGGAGTCTCTGTGCACAGCGGG AAAATGCTTGTT
Restriction Sites:	NotI-NotI
ACCN:	NM_014478
Insert Size:	2810 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:	<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_014478.3</u> , <u>NP_055293.1</u>
RefSeq Size:	1048 bp
RefSeq ORF:	447 bp
Locus ID:	27297
UniProt ID:	<u>O75575</u>
Cytogenetics:	7q11.21
Domains:	RPOL4c
Protein Families:	Druggable Genome

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]
Transcript Variant: This variant (1) represents the longest transcript and encodes the longest isoform (a).