

## Product datasheet for **RR201796**

### Crp (NM\_017096) Rat Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Crp (NM_017096) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Crp
Synonyms:	Aa1249; Ab1-341; Ab2-196; Ac1-114; Ac2-069; Ac1262; Ba2-693
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR201796 representing NM_017096 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGAGAAGCTACTATGGTGTCTTCTGATCAGATAAGCTTCTCTCAGGCTTTTGGTCATGAAGACATGT  
CTAAACAGGCCTTCGTATTTCCCGGAGTGTGAGCTACTGCCTATGTGTCCCTGGAAGCAGAGTCAAAGAA  
GCCACTGGAAGCCTTCACTGTGTCTCTATGCCACGCTGATGTGAGCCGAAGCTTCAGCATCTTCTCT  
TACGCTACCAAGACGAGCTTTAACGAGATCTTCTGTTTTGGACTAGGGTCAAGGGTTAGTATTGCAG  
TAGGTGGGCTGAAATACTGTTCAGTGCTTCAGAAATTCCTGAGGTACCAACACACATCTGTGCCACCTG  
GGAGTCTGCTACAGGAATTGTAGAGCTTTGGCTTGACGGGAAACCCAGGGTGCAGAAAAGTCTGCAGAAG  
GGCTACATTGTGGGGACAAATGCAAGCATCATCTTGGGGCAGGAGCAGGACTCGTATGGCGGTGGCTTTG  
ACGCGAATCAGTCTTTGGTGGGAGACATTGGAGATGTGAACATGTGGGACTTTGTGCTATCTCCAGAACA  
GATCAATGCAGTCTATGTTGGTAGGGTATTAGCCCAATGTTTTGAACTGGCGGGCACTGAAGTATGAA  
ACACACGGTGATGTTTATCAAGCCGACGCTGTGGCCCTTGACTGACTGTTGTGAGTCCACACACGGTG  
ATGTGTTTATCAAGCCGACGCTGTGGCCCTTGACTGACTGTTGTGAGTCC

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR201796 representing NM\_017096  
Red=Cloning site Green=Tags(s)

MEKLLWCLLITISFSQAFGHEDMSKQAFVFPGVSATAYVSLEAESKPLEAFTVCLYAHADVSRFSIFS  
 YATKTSFNEILLFWTRGQGFSAIVGGPEILFSAEIPVPTHICATWESATGIVELWLDGKPRVRKSLQK  
 GYIVGTNASIILGQEQDSYGGFDANQSLVGDIGDVMWDFVLSPEQINAVYVGRVFSNVLNRALKYE  
 THGDVFIKPQLWPLTDCCESTHGDVFIKPQLWPLTDCCES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/ja1672\\_a02.zip](https://cdn.origene.com/chromatograms/ja1672_a02.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_017096

**ORF Size:** 690 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:**

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 Size:** 693 bp

**RefSeq ORF:** 693 bp

**Locus ID:** 25419

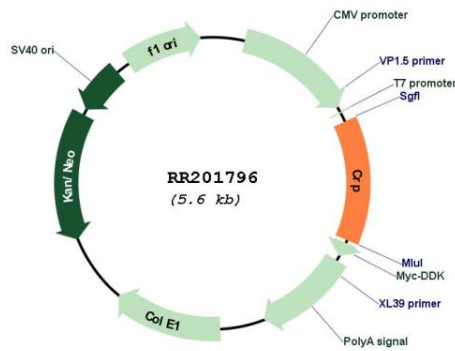
**UniProt ID:** [P48199](https://www.uniprot.org/uniprot/P48199)

**Cytogenetics:** 13q24

**MW:** 25.5 kDa

**Gene Summary:** glycoprotein of the acute phase response [RGD, Feb 2006]

**Product images:**



Circular map for RR201796