

## Product datasheet for **RG201217**

### CRIP1 (NM\_001311) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** CRIP1 (NM\_001311) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** CRIP1  
**Synonyms:** CRHP; CRIP; CRP-1; CRP1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG201217 representing NM\_001311  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGCCCAAGTGTCCCAAGTGCAACAAGGAGGTGTACTTCGCCGAGAGGGTGACCTCTCTGGCAAGGACT  
 GGCATCGGCCCTGCCTGAAGTGCAGAAATGTGGGAAGACGCTGACCTCTGGGGCCACGCTGAGCACGA  
 AGGCAAACCTACTGCAACCACCCTGCTACGCAGCCATGTTTGGGCCTAAAGGCTTTGGCGGGCGGA  
 GCCGAGAGCCACACTTTCAAG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG201217 representing NM\_001311  
 Red=Cloning site Green=Tags(s)  
 MPKCPKCNKEVYFAERVTSLGKDWHRPCLKCEKCGKLTLSGGHAEHEGKPYCNHPCYAAMFGPKGFGRGG  
 AESHTFK

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI



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**Cloning Scheme:**


**ACCN:** NM\_001311

**ORF Size:** 231 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:** [NM\\_001311.5](#)

**RefSeq Size:** 429 bp

RefSeq ORF: 234 bp

Locus ID: 1396

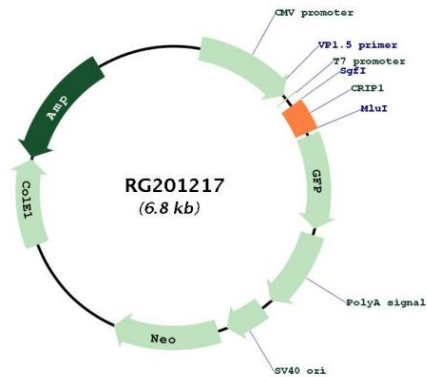
UniProt ID: [P50238](#)

Cytogenetics: 14q32.33

Domains: LIM

**Gene Summary:** Cysteine-rich intestinal protein (CRIP) belongs to the LIM/double zinc finger protein family, members of which include cysteine- and glycine-rich protein-1 (CSRP1; MIM 123876), rhombotin-1 (RBTN1; MIM 186921), rhombotin-2 (RBTN2; MIM 180385), and rhombotin-3 (RBTN3; MIM 180386). CRIP may be involved in intestinal zinc transport (Hempe and Cousins, 1991 [PubMed 1946385]).[supplied by OMIM, Mar 2008]

**Product images:**



Circular map for RG201217