

## Product datasheet for **RG211047**

### CTRP3 (C1QTNF3) (NM\_030945) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	CTRP3 (C1QTNF3) (NM_030945) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	CTRP3
Synonyms:	C1ATNF3; CORCS; CORS; CORS-26; CORS26; CTRP3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG211047 representing NM_030945 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGCTTTGGAGGCAGCTCATCTATTGGCAACTGCTGGCTTTGTTTTCTCCCTTTTGCCTGTGTCAAG  
ATGAATACATGGAGTCTCCACAAACCGGAGGACTACCCCGAGACTGCAGTAAGTGTTCATGGAGACTA  
CAGCTTCGAGGCTACCAAGGCCCCCTGGGCCACCGGCCCTCCTGGCATTCCAGGAAACCATGGAAAC  
AATGGCAACAATGGAGCCACTGGTCATGAAGGAGCCAAAGGTGAGAAGGGCGACAAGGTGACCTGGGGC  
CTCGAGGGGAGCGGGGCAGCATGGCCCAAGGAGAGAAGGGCTACCCGGGGATTCCACCAGAACTTCA  
GATTGCATTCATGGCTTCTCTGGCAACCCACTTCAGCAATCAGAACAGTGGGATTATCTTCAGCAGTGTT  
GAGACCAACATTGGAAACTTCTTTGATGTCATGACTGGTAGATTTGGGGCCCCAGTATCAGTGTGTATT  
TCTTCACCTTCAGCATGATGAAGCATGAGGATGTTGAGGAAGTGTATGTGTACCTTATGCACAATGGCAA  
CACAGTCTTCAGCATGTACAGCTATGAAATGAAGGGCAAATCAGATACATCCAGCAATCATGCTGTGCTG  
AAGCTAGCCAAAGGGGATGAGGTTTGGCTGCGAATGGGCAATGGCGCTCTCCATGGGGACCACCAACGCT  
TCTCCACCTTTGCAGGATTCTGCTCTTTGAACTAAG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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**Protein Sequence:** >RG211047 representing NM\_030945  
Red=Cloning site Green=Tags(s)

MLWRQLIYWQLLALFFLPFCLCQDEYMESPQTGGLPPDCSKCCHGDYSFRGYQGGPPGPPGIPGNHGN  
 NGNNGATGHEGAKGEKGDKGLGPRGERGQHGPKGEKGYPPPELQIAFASLATHFSNQNSGIIFSSV  
 ETNIGNFFDVMTGRFGAPVSGVYFFTFSMMKHEDVEEVYVYLMHNGNTVFSMYSYEMKKGSDTSSNHAVL  
 KLAKGDEVWLRMGNGALHGDHQRSTFAGFLLFETK

TRTRPLE - GFP Tag - V

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**



**ACCN:** NM\_030945

**ORF Size:** 738 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\\_030945.4](#)

**RefSeq Size:** 3570 bp

**RefSeq ORF:** 741 bp

**Locus ID:** 114899

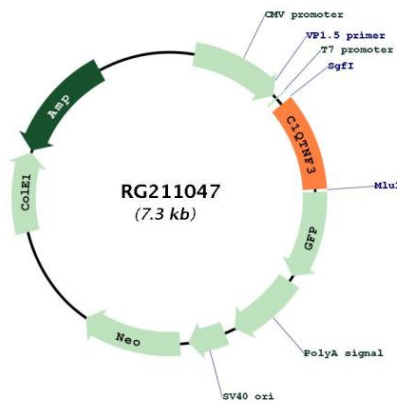
**UniProt ID:** [Q9BXI4](#)

**Cytogenetics:** 5p13.2

**Domains:** C1Q, Collagen

**Protein Families:** Secreted Protein

**Product images:**



Circular map for RG211047