

## Product datasheet for **SC108958**

### CTRP1 (C1QTNF1) (NM\_030968) Human Untagged Clone

#### Product data:

|                           |   |
|---------------------------|---|
| Product Type:             | Expression Plasmids   |
| Product Name:             | CTRP1 (C1QTNF1) (NM_030968) Human Untagged Clone  |
| Tag:                      | Tag Free  |
| Symbol:                   | CTRP1   |
| Synonyms:                 | CTRP1; GIP; ZSIG37  |
| Mammalian Cell Selection: | None  |
| Vector:                   | <u>pCMV6-XL4</u>  |
| E. coli Selection:        | Ampicillin (100 ug/mL)  |
| Fully Sequenced ORF:      | >OriGene ORF within SC108958 sequence for NM_030968 edited (data generated by NextGen Sequencing) |

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ATGGGCTCCCCTGGACAGGGACTCTTGCTGGCGTACTGCCTGCTCCTTGCCTTTGCCTCT
GGCCTGGTCCTGAGTCGTGTGCCCATGTCCAGGGGAACAGCAGGAGTGGGAGGGGACT
GAGGAGCTGCCGTCGCCTCCGGACCATGCCGAGAGGGCTGAAGAACAACATGAAAAATAC
AGGCCAGTCAGGACCAGGGGCTCCCTGCTTCCCGGTGCTTGCCTGCTGTGACCCCGT
ACCTCCATGTACCCGGCGACCGCCGTGCCCCAGATCAACATCACTATCTTGAAAGGGGAG
AAGGGTGACCCGGGAGATCGAGGCCTCCAAGGAAATATGGCAAAACAGGCTCAGCAGGG
GCCAGGGGCCACACTGGACCCAAAGGGCAGAAGGGCTCCATGGGGCCCCCTGGGGAGCGG
TGCAAGAGCCACTACGCCCTTTTCGGTGGGCCGGAAGAAGCCCATGCACAGCAACCAC
TACTACCAGACGGTGATCTTCGACACGGAGTTCGTGAACCTCTACGACCACTTCAACATG
TTCACCGCAAGTTCTACTGCTACGTGCCCGCCCTCTACTTCTCAGCCTCAACGTGCAC
ACCTGGAACAGAGGAGACCTACCTGCACATCATGAAGAACGAGGAGGAGGTGGTGATC
TTGTTCCGCGCAGGTGGGCGACCGCAGCATCATGCAAAGCCAGAGCCTGATGCTGGAGCTG
CGAGAGCAGGACCAGGTGTGGGTACGCCTCTACAAGGGCGAACGTGAGAACGCCATCTTC
AGCGAGGAGCTGGACACCTACATCACCTTCAGTGGCTACCTGGTCAAGCACGCCACCGAG
CCCTAG

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Clone variation with respect to NM\_030968.2



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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_030968 unedited  
 NGGGGTTCAAATTTGTATACGACTCATATAGGCGGCCGCGNAATTCGCACCANAAGAACA  
 GGAGATGGGAGCCGAGGTCTGAGGACAAGCAGAAGCTTCCCCACCTCCCTCTTAGAGCT  
 GCAGAGCTGGAGAGGCCCTAGAGTCCACCAACAACAACAGTGGCAATCATCATACCA  
 TCATCATCATCATCACCATCATCATCATCATGATGTCAGCCACAGGGCCCGCAGGA  
 AGATGGGCTCCCCTGGACAGGGACTCTTGCTGGCGTACTGCCTGCTCCTTGCTTTGCCT  
 CTGGCCTGGTCTGAGTCGTGTGCCCATGTCCAGGGGGAACAGCAGGAGTGGGAGGGGA  
 CTGAGGAGCTGCCGTCCGCTCCGGACCATGCCGAGAGGGCTGAAGAACAACATGAAAAAT  
 ACAGGCCCAAGTACAGGACCAGGGGCTCCCTGCTTCCCGGTGCTTGCCTGCTGTGACCCCG  
 GTACCTCCATGTACCCGGCGACCGCCGTGCCCCAGATCAACATCACTATCTTGAAAGGGG  
 AGAAGGGTGACCGCGGAGATCGAGGCCTCAAGGGAAATATGGCAAAACAGGCTCAGCAG  
 GGGCCAGGGGCCACTGGACCCAAAGGGCAGAAGGGCTCCATGNGGGGCCCTGGGAGC  
 GGTGCAAGAGCCACTACGCCCTTTTCGGTGGCCGGAAGAAGCCCATGCACAGCAACC  
 ACTACTACCAGACGGTGTCTTCGACACGGAGTTCGTGAACCTCTACGACCACTTCAACA  
 TGTTACCGGCAAGTTCTACTGCTACGTGCCCGGGCTCTACTTCTCAGCCTCAACGTGC  
 ACACCTGGGACCAGAAGGAGACTACCTGCACATCATGAAGAACGANGAGGNNAGTGGTGA  
 TCTTGNTCGCGCAGGTGGCA

**3' Read Nucleotide Sequence:**

>OriGene 3' read for NM\_030968 unedited  
 NNGTTCAAGTTTTATATTTTTTTTTTTTTGCTGAAAACACAATTCTGAGTTTAATGTTTT  
 CTGGAAAGACTGGGGGAGCTTAAGCAGCGAGTGTGGCGCTCTGCTCCGGGCACGCCAC  
 AGCAACTCGGCTTCAAGTCTGACCCGAGAAGTTCTTTAAAGAGAGGGACTTAGGGACC  
 CCAGATCCCGGCAGCCAGGCCAGAGAGGGAAGCAGGATTAGTCAAACCAGGTGGGGGA  
 TGGGGGAAGGAAGAGAGGCAGCGGGGTTTGGGGGCCAGCGGGTAGCAAGAGTGACCC  
 TGGGCATCAACCTGGGGTGAGGTGGAGAGGGGCTATGGGGCTCCTGGAGATCAGAGTCTG  
 GGGTGGCCATGGGCCGGGCGAGAGCTCCGTGGAGACACCGCAACCCTGCTCCAGCTGGTC  
 CTGCTTTTGCCACAGGGGCTATTGCCTCTCCTGCCACCCAGCTCCTGAGAGTGAATCCTG  
 ACACGGGTGATTGGGACGTGACTTCTCTTACTCTGGTCTCACGACTGAGGCTCACAG  
 GGGCCTGATAAACTCCCATGCCGGAGCTTTCTTCCCTTCCAGCTCTTCCCTGGTTTT  
 GAAGCCCATTAATGCCCTGTTCAGGTACCGGTACCATGCCTGTATGATGGTCATGGG  
 GGGCCATAAAGGGTCTGGGTTCCCTTTGGTGGCCACCAGCTCCTCCACGTGGGAAT  
 CGGGGGCTTGCCTTACCCCTGGCAAACCTGGGAAACTTGCCTTGCCTGGCCTGGAGGTG  
 GTTTGTTTAAAAAACAGAGCCCAAGGGCCCGGGGCCCTTTTGGGGGGCGGATCCGGGG  
 GGGGATGC

**Restriction Sites:**

NotI-NotI

**ACCN:**

NM\_030968

**Insert Size:**

2750 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:**

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\\_030968.2](#), [NP\\_112230.1](#)

**RefSeq Size:** 2923 bp

**RefSeq ORF:** 846 bp

**Locus ID:** 114897

**UniProt ID:** [Q9BXJ1](#)

**Cytogenetics:** 17q25.3

**Domains:** C1Q

**Protein Families:** Druggable Genome, Secreted Protein, Transmembrane