

Product datasheet for **SC319620**

CTRP1 (C1QTNF1) (NM_198594) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CTRP1 (C1QTNF1) (NM_198594) Human Untagged Clone
Tag:	Tag Free
Symbol:	CTRP1
Synonyms:	CTRP1; GIP; ZSIG37
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC (PS100020)
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene sequence for NM_198594.1
 CCTGGGCAAAAATTTACTACTGAGTCCCCTCTTCGCTCCAGGGCCCGGCAGGAAGATGGG
 CTCCCCTGGACAGGGACTCTTGCTGGCGTACTGCCTGCTCCTTGCCTTTGCCTCTGGCCT
 GGTCTGAGTCTGTGCCCCATGTCCAGGGGAACAGCAGGAGTGGGAGGGGACTGAGGA
 GCTGCCGTGCGCTCCGGACCATGCCGAGAGGGCTGAAGAAACAACATGAAAAATACAGGCC
 CAGTCAGGACCAGGGGCTCCCTGCTTCCCGTGTCTTGCCTGCTGTGACCCCGGTACCTC
 CATGTACCCGGGACCCGCGTCCCAAGGAAATATGGCAAAACAGGCTCAGCAGGGGCCAG
 TGACCCGGAGATCGAGGCCTCCAAGGAAATATGGCAAAACAGGCTCAGCAGGGGCCAG
 GGGCCACACTGGACCCAAAGGGCAGAAGGGCTCCATGGGGCCCTGGGGAGCGGTGCAA
 GAGCCACTACGCCGCTTTTCGGTGGGCGGAAGAAGCCCATGCACAGCAACCACTACTA
 CCAGACGGTGATCTTCGACACGGAGTTCGTGAACCTCTACGACCCTTCAACATGTTTAC
 CGGCAAGTTCTACTGCTACGTGCCCGCCTCTACTTCTCAGCCTCAACGTGCACACCTG
 GAACCAGAAGGAGACCTACCTGCACATCATGAAGAACGAGGAGGAGGTGGTGATCTTGTT
 CGCGCAGGTGGGCGACCCGAGCATCATGCAAAGCCAGAGCCTGATGCTGGAGCTGCGAGA
 GCAGGACCAGGTGTGGTACGCCTCTACAAGGGCGAACGTGAGAACGCCATCTTCAGCGA
 GGAGCTGGACACCTACATCACCTCAGTGGCTACCTGGTCAAGCAGGCCACCGAGCCCTA
 GCTGGCCGGCCACCTCCTTCTCGCCACCTTCCACCCTGCGCTGTGCTGACCCAC
 CGCCTTCTCCCGATCCCTGGACTCCGACTCCCTGGCTTTGGCATTAGTGAGACGCCCT
 GCACACACAGAAAGCCAAAGCGATCGGTGCTCCCAGATCCCGCAGCCTCTGGAGAGAGCT
 GACGGCAGATGAAATCACCAGGGCGGGGACCCCGGAGAACCTCTGGGACCTTCCGCGG
 CCCTCTCTGCACACATCCTCAAGTGACCCCGCAGCGGAGACGCGGGTGGCGGACGGGG
 TCCCAGGGTGGCGACCCGCGCTCCAGTCTTGGAAATAATTAGGCAAATCTAAAGGTC
 TCAAAGGAGCAAAGTAAACCGTGGAGGACAAAGAAAGGGTTGTTATTTTTGTCTTTCC
 AGCCAGCCTGCTGGCTCCCAAGAGAGAGGCCTTTTCAGTTGAGACTCTGCTTAAGAGAAG
 ATCCAAAGTTAAAGCTCTGGGGTCAAGGGAGGGGCGGGGGCAGGAAACTACCTTGGCT
 TAATTCTTTAAAGCCACGTAGGAACTTTCTTGAGGGATAGGTGGACCCTGACATCCCTGT
 GGCCTTGGCCAAAGGGCTCTGCTGGTCTTTCTGAGTACAGCTGCGAGGTGATGGGGGCTG
 GGGCCCCAGGGCTCAGCCTCCCAGAGGGACAGCTGAGCCCCCTGCCTGGCTCCAGGTTG
 GTAGAAGCAGCCGAAGGGCTCCTGACAGTGGCCAGGGACCCTGGGTCCCCCAGGCCTGC
 AGATGTTTCTATGAGGGCAGAGCTCCTGGTACATCCATGTGTGGCTCTGCTCCACCCT
 GTGCCACCCAGAGCCCTGGGGGTGGTCTCCATGCCTGCCACCCTGGCATCGGCTTTCT
 GTGCCGCCTCCACACAAATCAGCCCCAGAAGGCCCGGGGCTTGGCTTCTGTTTTTTA
 TAAAACACCTCAAGCAGCACTGCAGTCTCCCATCTCCTCGTGGGTAAGCATCACCGCTT
 CCACGTGTGTTGTGTTGGTGGCAGCAAGGCTGATCCAGACCCTTCTGCCCCACTGCC
 CTCATCCAGGCCTCTGACCAGTAGCCTGAGAGGGGCTTTTTTCTAGGCTCAGAGCAGGG
 GAGAGCTGGAAGGGGCTAGAAAGCTCCCGCTTGTCTGTTTCTCAGGCTCCTGTGAGCCTC
 AGTCTGAGACCAGAGTCAAGAGGAAGTACACGTCCCAATCACCCGTGTCAGGATCACT
 CTCAGGAGCTGGGTGGCAGGAGAGGCAATAGCCCTGTGGCAATTGCAGGACCAGCTGGA
 GCAGGTTGCGGTGTCTCCACGGTGTCTCGCCCTGCCATGGCCACCCAGACTCTGAT
 CTCCAGGAACCCATAGCCCTCTCCACCTCACCCATGTTGATGCCAGGGTCACTCTT
 GCTACCCGCTGGGCCCCAAACCCCGCTGCCTCTCTTCCCTTCCCCCATCCCCACCTG
 GTTTTGACTAATCCTGCTTCCCTCTCTGGGCTGGCTGCCGGATCTGGGGACCCAAAGT
 CCCTCTCTTTAAAGAACTTCTGCGGGTCAACTCTGAAGCCGAGTTGCTGTGGCGTGCC
 CGGAAGCAGAGGCCACACTCGCTGCTTAAAGTCCCCAGCTCTTCCAGAAAACATTAA
 ACTCAGAATTGTGTTTTAGCAAAAAAAAAAAAAAAAAAAAAAAAAA

Restriction Sites: Please inquire
ACCN: NM_198594

OTI Disclaimer: Due to the inherent nature of this plasmid, standard methods to replicate additional amounts of DNA in E. coli are highly likely to result in mutations and/or rearrangements. Therefore, OriGene does not guarantee the capability to replicate this plasmid DNA. Additional amounts of DNA can be purchased from OriGene with batch-specific, full-sequence verification at a reduced cost. Please contact our customer care team at custsupport@origene.com or by calling 301.340.3188 option 3 for pricing and delivery.

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 TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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_198594.1](#), [NP_940996.1](#)

RefSeq Size: 2744 bp

RefSeq ORF: 600 bp

Locus ID: 114897

UniProt ID: [Q9BXJ1](#)

Cytogenetics: 17q25.3

Protein Families: Druggable Genome, Secreted Protein, Transmembrane