

Product datasheet for **SC123008**

CTRP2 (C1QTNF2) (NM_031908) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CTRP2 (C1QTNF2) (NM_031908) Human Untagged Clone
Tag:	Tag Free
Symbol:	CTRP2
Synonyms:	CTRP2; zacrp2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF:

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>OriGene sequence for NM_031908 edited
CTGGGGCCGACGCTCTGCCCGGCTGCTGCCGCTGAGGAAAGCCGGGACGCGGAGCCCCGC
CGAGAGCTTCTTTGCTCCGGACGCCCCTGGACGTGGCGGGCAGCCGCGAGGGTAACCACC
ATGATCCCCTGGGTGCTCCTGGCCTGTGCCCTCCCCTGTGCTGCTGACCCACTGCTTGGC
GCCTTTGCTCGCAGGGACTTCCGGAAAGGCTCCCCTCAACTGGTCTGCAGCCTGCCTGGC
CCCCAGGGCCCACCCGGCCCCCAGGAGCCCCAGGGCCCTCAGGAATGATGGGACGAATG
GGCTTTCTGGCAAAGACGGCCAAGATGGACACGACGGCGACCCGGGGGACAGCGGAGAG
GAAGGTCCACCTGGCCGGACAGGTAACCGGGGAAAGCCAGGACCAAAGGGCAAAGCCGGG
GCCATTGGGCGGGCTGGCCCCGTGGCCCCAAGGGGGTCAACGGTACCCCGGGAAGCAT
GGCACACCAGGCAAGAAGGGGCCAAGGGCAAGAAAGGGGAGCCAGGCCTCCCAGGCCCC
TGCAGCTGTGGCAGTGGCCATACCAAGTCAGCTTCTCGGTGGCAGTGACCAAGAGCTAC
CCACGGGAGCGGCTGCCATCAAGTTTGACAAGATTCTGATGAACGAGGGTGGCCACTAC
AATGCTTCCAGCGGCAAGTTCGTCTGCGGCGTGCCTGGGATCTACTACTCACCTACGAC
ATCAGCTGGCCAAACAAGCACCTGGCCATCGGCCTGGTGCACAACGGCCAGTACCGCATC
CGGACCTTTGATGCCAACACCGGCAACCACGATGTGGCCTCAGGCTCCACCATCCTGGCT
CTCAAGCAGGGTGACGAAGTTTGGCTGCAGATCTTCTACTCAGAGCAGAACGGGCTCTTC
TATGACCCTTACTGGACAGACAGCCTCTTACGGGCTTCTAATCTATGCCGACCAGGAT
GACCCCAACGAGGTATAGACATGCCACGGCGGTCTCCAGGCAGGGAACAAGCTTCTGGA
CTTGGGCTTACAGAGCAAGACCCCACTGTAGGCTGGGGGTGGGGGTGAGTGAGCG
GTTCTAGCCTCAGGCTCACCTCTCCGCCTCTTTTTTCCCTTCATTAATCCAACCT
TTTTATTCATCCAACCTCTATTTATTCCTTCTTTTTAAAGTATCTACTGTGTAACAGG
CACTATGCTATTCTGAAAGATGCAGCAGTGGACAAGACAGAGTATCTGCTCCTCATGCA
GCTTACATTTCTAGCAGGAGATAACAATTTACAAATATACAAGCAAATAATAATATTATG
CCAGGATAGAAAATGAACATGCCATGGTTGACAGTAATAGGAATAACAGGAGACAGGGAAG
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TCTCCAGATTTAAGTTGACAACTCAGTGAATAATTTTTGCTTATGTGCACACTCTGAAA
CCTCCATGTAGATCAAAGAACAAGCTATTTCCAACCTCTCACCTCCCTTCCCCAAAAGCT
CTCTTAAGACCCCTCTAAGTCAGTACCTGGAAAATTTCCATTTTTGAGCTGAGTTCCAAA
GAAGGAAATAGAGCAACACAAAGGCCTCGAAAAGAGGTCTCCAGCAAAGGCTCTGCAAG
TGCAAAGACCTTGACAGGAAAGAGGGAGGGGCCAAGGTAAGAACTGAGAAGGGAGGCATG
AGGCGTGAGGCTGGAAGATAATACAGAATGTCCAGGCCATGGCAGAGCTCGTTCCATTC
ACGAAGGCTTATCAGAATACAAAGTGACACTGATAGGCGGATCATCTTGAATCTGCTCAT
TGATGAGTCAAGTCGGCCACAGACTTGAGCGCTTTATTATTAGTTAATCTTTTGCAAGC
CCGCTTCTCAATGAATGAGATACACCAGGATATGCACGTGCATCTGAGAACCGCTGCTCT
GAGATGGCAGGAATGGATCCCACGCAAATGAATCGCACCCCAAGCACAGGTGTTGCCAGT
ATGCAGGGATCTGGGGCTTAAGAAGCTGCAGTAAAAGTGCCAGGTGCTGGCGGGATGTG
GTAGCTCATGCCTATAATCCCAGGACTTTGGGAAGCTGAGGTGGACGGATCATTTGAGGT
CAGGAGTTCAAGACCAGCCTGACCAACATGGCAAAACATCGTCTAAAAAATAAAAAAAT
TAGACAGGCGTGGTGTGGGCGCCTGTAATCCCAGCTACTGGGGAGGCTGAGGCGGGGAGA
ATCGCTTGAACCCAGGAGGTGGAGGTTGCAGTTAGCTGAGATCCTGCCACTGCACTCCAG
CCTGGGCAACAGAGTGAGACTATCTCAAAAAAACCAAAAAAAAAAAAAAAAAAAAAA
    
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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_031908 unedited NTAGCGGCAAAATTTGTATACGACTCATATAGGCGGCCGNAATTCGCACGAGGCTGGG GCCGACGCTCTGCCCGGCTGCTGCCGCTGAGGAAAGCCGGGACGCGGAGCCCCGCCGAGA GCTTCTTTGCTCCGGACGCCCTGGACGTGGCGGGCAGCCGCGAGGGTAACCACCATGAT CCCCTGGGTGCTCCTGGCCTGTGCCCTCCCCTGTGCTGCTGACCCACTGCTTGGCGCCTT TGCTCGCAGGGACTTCCGAAAGGCTCCCCTCACTGGTCTGCAGCCTGCCTGGCCCCCA GGGCCACCCCGGCCCCAGGAGCCCCAGGGCCCTCAGGAATGATGGGACGAATGGGCTT TCCTGGCAAAGACGGCCAAGATGGACACGACGGCGACCGGGGGACAGCGGAGAGGAAGG TCCACCTGGCCGACAGGTAACCGGGGAAAGCCAGGACCAAAGGGCAAAGCCGGGCCAT TGGGCGGGCTGGCCCCGTGGCCCCAAGGGGGTCAACGGTACCCCGGGAAGCATGGCAC ACCAGGCAAGAAGGGGCCAAGGGCAAGAAAGGGGAGCCAGGCCTCCAGGCCCTGCAG CTGTGGCAGTGGCCATACCAAGTCAGCTTCTCGGTGGCAGTGACCAAGAGCTACCCACG GGAGCGGTGCCATCAAGTTTGACAAGATTCTGATGAACGAGGGTGGCCACTACAATGC TTCCAGCGGCAAGTTCGTCTGCGGCGTGCCTGGGATCTACTACTCACCTACGACATCAC GCTGGCCAACAAGCACCTGGCCATCGGCCTGGTGCACAACGGCCAGTACCGCATCCGGAC CTTTGATGCCAACACCGCAACACGATGTGGCCTCAGGCTCCACCATCCTGGCTCTCAG CCAAGGTGACAAAGTTTGCTGCAA
Restriction Sites:	Please inquire
ACCN:	NM_031908
Insert Size:	2404 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:	<ol style="list-style-type: none"> 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_031908.3 , NP_114114.1
RefSeq Size:	2395 bp
RefSeq ORF:	858 bp
Locus ID:	114898
UniProt ID:	Q9BXJ5
Cytogenetics:	5q33.3
Protein Families:	Secreted Protein

Gene Summary: Involved in the regulation of lipid metabolism in adipose tissue and liver.[UniProtKB/Swiss-Prot Function]