

Product datasheet for RC225397

CTRP7 (C1QTNF7) (NM_001135171) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CTRP7 (C1QTNF7) (NM_001135171) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	CTRP7
Synonyms:	CTRP7; ZACRP7
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC225397 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGTTTGTCTTGCTCTATGTTACAAGTTTTGCCATTTGTGCCAGTGGACAACCCCGGGTAATCAGTTGA
AAGGAGAGAACTACTCCCCAGGTATATCTGCAGATTCTGGCTTGCCTGGACCTCCAGGGCCCCCTGG
AGCAAATGGTTCCCCTGGGCCCATGGTCGCATCGGCCTCCAGGAAGAGATGGTAGAGACGGCAGGAAA
GGAGAGAAAGGTAAAAGGGAAGTGCAGTTTTGAGAGTAAGACTGGACCGCTAGGTCTTGCCGGTGAGA
AAGGGGACCAAGGAGAGACTGGGAAGAAAGGACCCATAGGACCAGAGGGAGAGAAAGGAGAAGTAGTCC
AATTGGTCTCTGGACCAAGGGAGACAGAGGAGAACAAGGGGACCCGGGGCTGCCTGGAGTTTGCAGA
TGTGGAAGCATCGTGCTCAAATCCGCCTTTTCTGTTGGCATCACAAACCAGCTACCCAGAAGAAAGACTAC
CTATTATATTTAACAAGTCTCTTCAACGAGGGAGAGCACTACAACCCTGCCACAGGGAAGTTCATCTG
TGCTTTCCAGGGATCTATTACTTTTCTTATGATATCACATTGGCTAATAAGCATCTGGCAATCGGACTG
GTACACAATGGGCAATACCGGATAAAGACCTTCGACGCCAACACAGGAAACCATGATGTGGCTTCGGGGT
CCACAGTCATCTATCTGCAGCCAGAAGATGAAGTCTGGCTGGAGATTTTCTTACAGACCAGAATGGCCT
CTTCTCAGACCCAGGTTGGGCAGACAGCTTATTCTCCGGGTTTCTTATACGTTGACACAGATTACCTA
GATTCCATATCAGAAGATGATGAATTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC225397 protein sequence
Red=Cloning site Green=Tags(s)

MFVLLYVTSFAICASGQPRGNQLKGENYSPRYICSIPGLPGPPGPPGANGSPGPHGRIGLPGRDGRDGRK
 GEKGEKGTAGLRGKTGPLGLAGEKGDQGETGKKGPIGPEGEKGEVGPIGPPGPKGDRGEQGDPLPGVCR
 CGSIVLKSAFVSGITTSYPEERLPPIIFNKVLFNEGEHYNPATGKFCAFPGIYYFSYDITLANKHLAIGL
 VHNGQYRIKTFDANTGNHDVASGSTVIYLQPEDEVWLEIFFTDQNGFLSDPGWADSLFSGFLLYVDTDYL
 DSISEDDEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6771_e05.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001135171

ORF Size: 867 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_001135171.1](#), [NP_001128643.1](#)

RefSeq Size: 4477 bp

RefSeq ORF: 870 bp

Locus ID: 114905

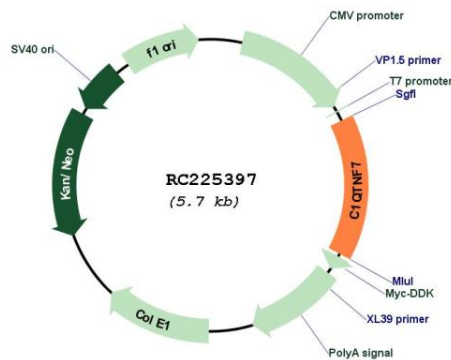
UniProt ID: [Q9BXJ2](#)

Cytogenetics: 4p15.32

Protein Families: Secreted Protein

MW: 30.7 kDa

Product images:



Circular map for RC225397