

Product datasheet for RC225407

CTRP7 (C1QTNF7) (NM_001135170) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	CTRP7 (C1QTNF7) (NM_001135170) 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:	>RC225407 representing NM_001135170 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCAGACAAGAGCCAAAGATGTTTGTCTTGCTCTATGTTACAAGTTTGCCATTTGTGCCAGTGGAC
AACCCCGGGTAATCAGTTGAAAGGAGAGAACTACTCCCCAGGTATATCTGCAGCATTCTGGCTTGCC
TGGACCTCCAGGGCCCCCTGGAGCAAATGGTCCCTGGGCCCATGGTCGCATCGGCCCTCCAGGAAGA
GATGGTAGAGACGGCAGGAAAGGAGAGAAAGGTAAAAGGGAAGTGCAGGTTTGAGAGGTAAGACTGGAC
CGCTAGGTCTTGCCGGTGAGAAAGGGACCAAGGAGAGACTGGGAAGAAAGGACCCATAGGACCAGAGGG
AGAGAAAGGAGAAGTAGTCCAATTGGTCTCCTGGACCAAGGGAGACAGAGGAGAACAAGGGGACCCG
GGGCTGCCTGGAGTTTGAGATGTGGAAGCATCGTGCTCAAATCCGCCTTTTCTGTTGGCATCACAAACCA
GCTACCCAGAAGAAAGACTACCTATTATATTTAAAGGTCTCTTCAACGAGGGAGAGCACTACAACCC
TGCCACAGGGAAGTTCATCTGTGCTTTCCAGGGATCTATTACTTTTCTTATGATATCACATTGGCTAAT
AAGCATCTGGCAATCGGACTGGTACACAATGGCAATACCGGATAAAGACCTTCGACGCCAACACAGGAA
ACCATGATGTGGCTTCGGGTCCACAGTCATCTATCTGCAGCCAGAAGATGAAGTCTGGCTGGAGATTTT
CTTCACAGACCAGAATGGCTCTTCTCAGACCCAGGTTGGGCAGACAGCTTATTCTCCGGTTTCTCTTA
TACGTTGACACAGATTACCTAGATTCCATATCAGAAGATGATGAATTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RC225407 representing NM_001135170
Red=Cloning site Green=Tags(s)

MSRQEPKMFVLL YVTSFAICASGQPRGNQLKGENYSPRYICSIPLPGPPGPPGANGSPGPHGRIGLPGR
 DGRDGRKGEKGEKGTAGLRGKTGPLGLAGEKGDQGETGKKGPIGPEGEKGEVGPIGPPGPKGDRGEQGD
 GLPGVCRCGSIVLKSASFVSGITTSYPEERLPIIFNKVLFNEGEHYNPATGKFCFAFPGIYYFSYDITLAN
 KHLAIGLVHNGQYRIKTFDANTGNHVDVAGSTVIYLPQPEDEVWLEIFFTDQNLGFLSDPGWADSLFSGFLL
 YVDTDYLDLSDISEDEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/ja2910_a01.zip

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001135170

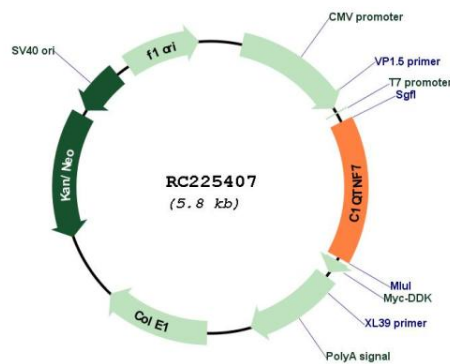
ORF Size: 888 bp

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 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:	<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_001135170.2
RefSeq Size:	4530 bp
RefSeq ORF:	891 bp
Locus ID:	114905
UniProt ID:	Q9BXJ2
Cytogenetics:	4p15.32
Protein Families:	Secreted Protein
MW:	31.5 kDa

Product images:



Circular map for RC225407