

## Product datasheet for RC211649

### C1QTNF8 (NM\_207419) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	C1QTNF8 (NM_207419) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	C1QTNF8
Synonyms:	CTRP8; UNQ5829
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC211649 representing NM_207419 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGGCAGCCCCCGCCTGCTGCTCCTAGCACTGCTGCTGCCCGTGGGGCCTGGCCCGGGCTGCCAGGA  
GGCCCTGTGTGCACTGCTGCCGCCGGCCTGGCCCTGGACCCTATGCCCGGTGAGTGACAGGGACCT  
GTGGAGGGGGACCTGTGGAGGGGGCTGCCTCGAGTACGGCCACTATAGACATCGAAATCCTCAAAGGT  
GAGAAGGGTGAAGCCGGCTCCGAGGTCGGCCCGCAGGAGCGGAAAGAGGGGCCCGCCAGGCGCCCGG  
GCCTGCAGGGCCGAGAGGCCAGAAGGGGCGAGTGGGGCCCGGGCGCCGCTGCCGACGTGCCTACGC  
CGCTTCTCCGTGGGCCGCGCAGGGCCTGCACAGCTCCGACCACTTCCAGGCGGTGCCCTTCGACACG  
GAGCTGGTGAACCTGGACGGCGCCTTCGACCTGGCCCGGGCCGCTTCTCTGCACGGTGCCTGGCGTCT  
ACTTCTCAGCCTCAACGTGCACACCTGGAACAACAAGGAGACCTACCTGCACATCATGCTGAACCGGCG  
GCCCCGCGCCGTGCTCTACGCGCAGCCAGCGAGCGCAGCGTCATGCAGGCCAGAGCCTGATGCTGCTG  
CTGGCGGGCGGCGACGCCGTCTGGGTGCGCATGTTCCAGCGCGACCGGGACAACGCCATCTACGGCGAGC  
ACGGAGACCTCTACATCACCTTCAGCGGCCACCTGGTCAAGCCGGCCCGCCGAGCTG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RC211649 representing NM\_207419  
Red=Cloning site Green=Tags(s)

MAAPALLLLALLLPVGAWPGLPRRPCVHCCRPAPWPPGPYARVSDRDLWRGDLWRGLPRVRPTIDIEILKG  
 EKGEAGVRGRAGRSGKEGPPGARGLQGRRGQKQVGPAAACRRAYAAF SVGRREGLHSSDHFAQVPFDT  
 ELVNLGDGAFDLAAGRFLCTVPGVYFLSLNVHTWNYKETYLHIMLNRRAAVLYAQP SERSVMQAQSLMLL  
 LAAGDAVWVRMFQRDRDNAIYGEHGDL YITFSGHLVKPAEEL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mk6268\\_g04.zip](https://cdn.origene.com/chromatograms/mk6268_g04.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

Cloning sites used for ORF Shuttling:



\* The last codon before the Stop codon of the ORF

**ACCN:** NM\_207419

**ORF Size:** 756 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\\_207419.3](#)

**RefSeq Size:** 2974 bp

**RefSeq ORF:** 759 bp

**Locus ID:** 390664

**UniProt ID:** [P60827](#)

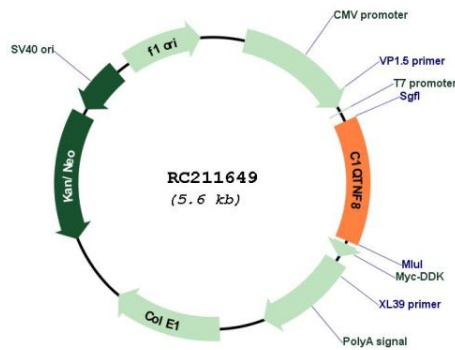
**Cytogenetics:** 16p13.3

**Protein Families:** Secreted Protein

**MW:** 27.5 kDa

**Gene Summary:** May play a role as ligand of RXFP1.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RC211649