

Product datasheet for **RG211649**

C1QTNF8 (NM_207419) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C1QTNF8 (NM_207419) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	C1QTNF8
Synonyms:	CTRP8; UNQ5829
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG211649 representing NM_207419 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGCAGCCCCCGCCTGCTGCTCCTAGCACTGCTGCTGCCCGTGGGGCCTGGCCCGGGCTGCCAGGA
GGCCCTGTGTGCACTGCTGCCGCCCGCCTGGCCCTGGACCCTATGCCCGGTGAGTGACAGGGACCT
GTGGAGGGGGACCTGTGGAGGGGGCTGCCTCGAGTACGGCCACTATAGACATCGAAATCCTCAAAGGT
GAGAAGGGTGAAGCCGGCGTCCGAGGTCGGCCCGCAGGAGCGGAAAGAGGGGCCCGCCAGGCGCCCGG
GCCTGCAGGGCCGAGAGCCAGAAGGGGCGAGTGGGGCCCGGGCGCCGCTGCCGACGTGCCTACGC
CGCTTCTCCGTGGGCCGCGCAGGGCCTGCACAGCTCCGACCACTTCCAGGCGGTGCCCTTCGACAG
GAGCTGGTGAACCTGGACGGCGCCTTCGACCTGGCCCGGGCCGCTTCTCTGCACGGTGCCTGGCGTCT
ACTTCTCAGCCTCAACGTGCACACCTGGAACAACAAGGAGACCTACCTGCACATCATGCTGAACCGGCG
GCCCCGGCCGTGCTCTACGCGCAGCCAGCGAGCGCAGCGTCATGCAGGCCAGAGCCTGATGCTGCTG
CTGGCGGGGGCAGCGCGTCTGGGTGCGCATGTTCCAGCGCAGCCGGGACAACGCCATCTACGGCGAGC
ACGGAGACCTCTACATCACCTTCAGCGCCACCTGGTCAAGCCGGCCCGCCGAGCTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



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Protein Sequence: >RG211649 representing NM_207419
 Red=Cloning site Green=Tags(s)

MAAPALLLLALLLPVGAWPGLPRRPCVHCCRPAPWPPGPYARVSDRDLWRGDLWRGLPRVRPTIDIEILKG
 EKGEAGVRGRAGRSGKEGPPGARGLQGRRGQKQVGGPGAACRRAYAAF SVGRREGLHSSDHFQAVPFDT
 ELVNLGDGAFDLAAGRFLCTVPGVYFLSLNVHTWNYKETYLHIMLNRPPAAVL YAQPSERSVMQAQSLMLL
 LAAGDAVWVRMFQRDRDNAIYGEHGDL YITFSGHLVKPAEEL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



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

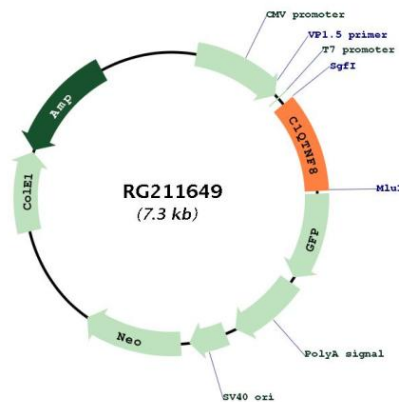
UniProt ID: [P60827](#)

Cytogenetics: 16p13.3

Protein Families: Secreted Protein

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

Product images:



Circular map for RG211649