

Product datasheet for **RR207384**

C1qtnf5 (NM_001012123) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C1qtnf5 (NM_001012123) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: C1qtnf5
Synonyms: MGC109436
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RR207384 representing NM_001012123
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGAGGCCACTTCTTGCCCTGCTGCTTCTGGGTCTGGCATCAGGCTCTCCTCTTGACGACAACAAGA
TCCCCAGCCTGTGTCCCGGCAGCCGGCCTCCAGGCACACCAGGCCACCACGGCAGCCAAGGCCTGCC
TGGCCGTGACGGCCGTGATGGCCGCGACGGTGCACCCGGAGCTCCGGGAGAGAAAGGCGAGGGCGGGAGA
CCGGGACTACCTGGCCACGTGGGGAGCCCGGCCGCTGGAGAGGCAGGACCTGTGGGGCTATCGGGC
CTGCGGGGAGTGTCTCGGTGCCCCACGATCAGCCTTCAGTGCCAAGCGATCAGAGAGCCGGGTACCTCC
GCCAGCCGACACACCCCTACCCTTCGACCGTGTGCTGCTCAATGAGCAGGGACATTACGATGCCACTACC
GGCAAGTTCACCTGCCAAGTGCCTGGTGTCTACTACTTTGCTGTCCATGCCACTGTCTACCGGGCCAGCC
TACAGTTTGATCTTGCAAAAATGGCCAATCCATAGCTTCTTTCTCCAGTTTTTTGGGGGTGGCCAAA
GCCAGCCTCGCTCTCAGGGGTGCGATGGTGAGGCTAGAACCTGAGGACCAGGTATGGGTTTCAGTGGGT
GTGGGTGATTACATTGGCATCTATGCCAGCATCAAACAGACAGTACCTTCTCTGGATTTCTCGTCTATT
CTGACTGGCACAGCTCCCCAGTCTTCGCT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR207384 representing NM_001012123
Red=Cloning site Green=Tags(s)

MRPLLALLLLGLASGSPPLDDNKIPSLCPGQPGLPGTPGHHSQGLPGRDGRDGRDGAPGAPGEKGEGR
 PGLPGPRGEPGRGEAGPVGAIGPAGECSVPPRSAFSAKRSESRVPPADTPLPFDRVLLNEQGHYDATT
 GKFTCQVPGVYFAVHATVYRASLQFDLVKNGQSIASFQFFGGWPKPASLGGAMVRLEPEDQVWVQVG
 VGDYIGIYASIKTDSTFSGFLVYSDWHSSPVFA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001012123

ORF Size: 729 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_001012123.1](#), [NP_001012123.1](#)

RefSeq Size: 1364 bp

RefSeq ORF: 732 bp

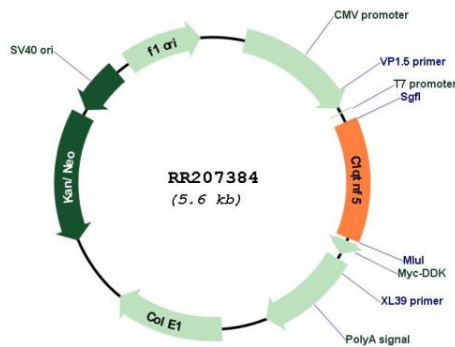
Locus ID: 315598

UniProt ID: [Q5FVH0](#)

Cytogenetics: 8q22

MW: 25.3 kDa

Product images:



Circular map for RR207384