

Product datasheet for MR228972

C1qtnf1 (NM_001204129) Mouse Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | C1qtnf1 (NM_001204129) Mouse Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | C1qtnf1 |
| Synonyms: | 1600017K21Rik; CTRP1; Zsig37 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| ORF Nucleotide Sequence: | >MR228972 representing NM_001204129 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGCTCCTGTGCACAGGGATTCTGCTGGGATGCTGCCTGCTGCTGGCCATCACCTGGGGCCCCATCC
TGAGCCTTGCCACGAGTTCAGGAGGAACAACAGGAGTGGGAAGAGACAGAGGAGCTGCCATCTCCTCT
GGATCCTGTGACAAGGCCTGAAGAAACACGAGAGAAGTATAGCCCTCGCCAGGGTGAGGACCTCCCCACT
TCTCGGTGCTACCGATGCTGTGACCCAGCACTCCTGTATACCAGACAATTCCTCCACCCAGATCAACA
TCACCATCCTGAAAGGCGAAAAAGGTGACCGAGGGGATCGAGGCCTCCAGGGGAAGTACGGCAAAATAGG
TTCTACAGGTCTAGGGGCCATGTTGGCCCAAAGGGCAGAAGGGATCCATTGGAGCCCTGGGAACCAC
TGCAAGAGCCAGTACGCAGCCTTCTCCGTGGGCCGGAAGAAGGCTTTGCACAGCAACGACTACTTCCAGC
CCGTGGTCTTTGACACGGAGTTTGTGAACCTCTACAAACACTTCAATATGTTCACTGGGAAGTTCTACTG
CTATGTGCCAGGCATCTACTTCTCAGCCTCAACGTGCACACTTGAACCAAGAGGAGACGTACCTGCAC
ATCATGAAGAACGAGGAGGAGGTGGTATCCTGTATGCGCAGGTGAGCGACCGCAGCATCATGCAGATC
AGAGCCTGATGATGGAAGTGCAGGAGGAGGATGAGGTCTGGGTGCGTCTTTCAAGGGCGAGCGTGAGAA
CGCCATTTTCAGTGACGAGTTCGACACCTACATCACCTTCAGTGGCTACCTGGTCAAGCCAGCCTCTGAG
CCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTAA



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Protein Sequence: >MR228972 representing NM_001204129
 Red=Cloning site Green=Tags(s)

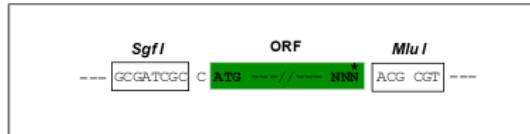
MGSCAQGFLLGCCLLLAITWGPILSLVPRVQEEQQEWEETEELPSPLDPVTRPEETREKYSRQGEDLPT
 SRCYRCCDPSTPVYQTI PPPQINILKGEKGDRLQGYGKIGSTGPRGHVGPKGQKGSIGAPGNH
 CKSQYAAF SVGRKKALHSNDYFQPVVFDTEFVNLYKHFNMTGKFYCYVPGIYFFSLNVHTWNQKETYLH
 IMKNEEEVVILYAQVSDRSIMQSLSLMMELREDEDEVVRLFKGERENAI FSDEFDTYITFSGYLVKPA
 SE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



* The last codon before the Stop codon of the ORF

ACCN: NM_001204129

ORF Size: 843 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_001204129.1](#), [NP_001191058.1](#)

RefSeq Size: 4393 bp

RefSeq ORF: 846 bp

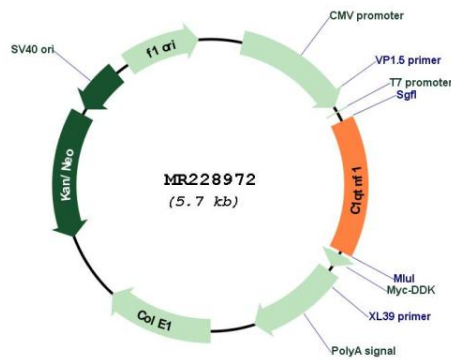
Locus ID: 56745

UniProt ID: [Q9QXP7](#)

Cytogenetics: 11 E2

MW: 32 kDa

Product images:



Circular map for MR228972