

Product datasheet for **MR228973**

C1qtnf1 (NM_001204130) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C1qtnf1 (NM_001204130) 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:	>MR228973 ORF sequence Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGGCTCCTGTGCACAGGGATTCATGCTGGGATGCTGCCTGCTGCTGGCCATCACCTGGGGCCCCATCC
TGAGCCTTGTGCCACGAGTTCAGGAGGAACAACAGGAGTGGGAAGAGACAGAGGAGCTGCCATCTCCTCT
GGATCCTGTGACAAGGCCTGAAGAAACACGAGAGAAGTATAGCCCTCGCCAGGGTGAGGACCTCCCCACT
TCTCGGTGCTACCGATGCTGTGACCCACGACACCTGTATACCAGACAATTCCTCCACCCAGATCAACA
TCACCATCCTGAAAGGCGAGAAAGGTGACCGAGGGATCGAGGCCTCCAGGGGAAGTACGGCAAAATAGG
TTCTACAGGTCCCAGGGGCCATGTTGGCCCAAAGGGCAGAAGGGATCCATTGGAGCCCCTGGGAACCAC
TGCAAGAGCCAGTACGCAGCCTTCTCCGTGGGCCGGAAGAAGGCTTTGCACAGCAACGACTACTTCCAGC
CCGTGGTCTTCGACACGGAGTTTGTGAACCTCTACAAACACTTCAATATGTTCACTGGGAAGTTCTACTG
CTATGTGCCGGGCATCTACTTCTCAGCCTCAACGTGCACACTTGAACCCAGAAGGAGACGTACCTGCAC
ATCATGAAGAACGAGGAGGAGGTGGTATCCTGTATGCGCAGGTGAGCGACCGCAGCATCATGCAGATC
AGAGCCTGATGATGGAGCTGCGGGAGGAGGATGAGGTCTGGGTGCGTCTTTCAAGGGCGAGCGTGAGAA
CGCCATTTTCAGTGACGAGTTCGACACCTACATCACCTTCAGTGGCTACCTGGTCAAGCCAGCCTCTGAG
CCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >MR228973 protein sequence
Red=Cloning site Green=Tags(s)

MGSCAQGFMLGCCLLLAITWGPILSLVPRVQEEQQEWEETEELPSPLDPVTRPEETREKYSRQGEDLPT
 SRCYRCCDPSTPVYQTI PPPQINITILKGEKDRGDRGLQGYGKIGSTGPRGHVGPKGQKGSIGAPGNH
 CKSQYAAF SVGRKKALHSNDYFQPVVFDTEFVNLYKHFNMTGKFYCYVPGIYFFSLNVHTWNQKETYLH
 IMKNEEEVVILYAQVSDRSIMQSQSLMELREDEEVWVRLFKGERENAI F SDEFDTYIT FSGYL VKPASE
 P

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_001204130

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_001204130.1](#), [NP_001191059.1](#)

RefSeq Size: 4305 bp

RefSeq ORF: 846 bp

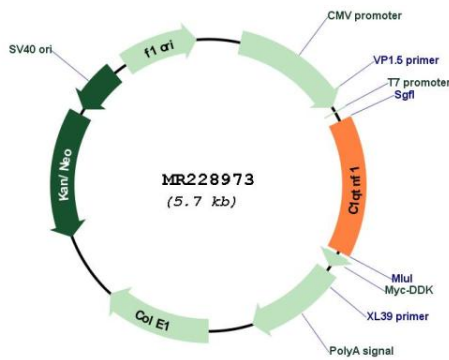
Locus ID: 56745

UniProt ID: [Q9QXP7](#)

Cytogenetics: 11 E2

MW: 32 kDa

Product images:



Circular map for MR228973