

Product datasheet for RR215633

C1qbp (NM_019259) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C1qbp (NM_019259) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: C1qbp
Synonyms: gC1qR; Habb1
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RR215633 representing NM_019259
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCTCCCTCTGCTGCGCTGCGTGCCCGCGCCCTGGGTGCCCGCCACGGGCTCCGAGCCTCCATCC
CGGCCCCCGCGCTTCGGCATTACTGCAGCCCGCGCCCGGCCATGCCTCCGGCCCTTCGGTTTGCTCAG
CGTACGAGCCGGCTCCGCTCGGCGCTCTGGCTCCTGCAGCCCCGGTCCCTGCGCGTGCGGCTGCGGC
GCTCTGCACACGGAAGGAGACAAGGCCTTTGTTGAATTTTGACTGATGAAATTAAGGAAGAAAAGAAGA
TCCAGAAGCATAAGTCCCTTCCAAAATGTCTGGAGATTGGGAGCTGGAAGTGAACGGCACGGAGGCTAA
ATTATTGCGCAAAGTTGCCGGAGAAAAGATCACTGTCACCTTCAACATTAACAATAGCATCCCTCCAACC
TTTGATGGTGAAGAGGAGCCCTCACAGGGGCAGAAGGCCGAAGAGCAGGAGCCAGAACTGACATCAACT
CCAATTTTGTGGTTGAAGTTACAAAGACTGATGGCAAGAAGACCTTGTACTGGACTGCCACTATCCTGA
GGACGAGATCGGACACGAAGATGAGGCCGAGAGTGACATTTTCTCTATTAAGGAAGTGAGCTTTCAGACC
ACTGGTACTCTGAGTGGAGGGATACAACTACACTCAACACAGACTCCCTGGACTGGGCTTGTATG
ACCACCTAATGGATTTCTTTCGGACCGAGGGTGGATAACACTTTTGCAGATGAGTTGGTGGAGCTCAG
CACAGCCCTGGAGCACCAGGAATATATCACCTTCTTGGAGACCTCAAAGCTTTGTCAAGAGTCAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Protein Sequence: >RR215633 representing NM_019259
Red=Cloning site Green=Tags(s)

MLPLLRCVPRALGAAATGLRASIPAPPLRHLLQPAPRPCLRPFGLLSVRAGSARRSGLLQPPVPCACGG
 ALHTEGDKAFVEFLTDEIKEEKIKQHKSLPKMSGDWELEVNGTEAKLLRKVAGEKITVTFNINNSIPPT
 FDGEEEPSQGQKAEQEPELSTPNFVVEVTKTDGKKTLLVDCHYPEDEIGHEDAESDIFSIKEVSFQT
 TGDSEWRDTNYTLNTDSLWDALYDHLMDFLADRGV DNTFADELVELSTALEHQEYITFLEDLKS FVKSQ

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



ACCN: NM_019259

ORF Size: 837 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_019259.2](#), [NP_062132.2](#)

RefSeq Size: 1139 bp

RefSeq ORF: 840 bp

Locus ID: 29681

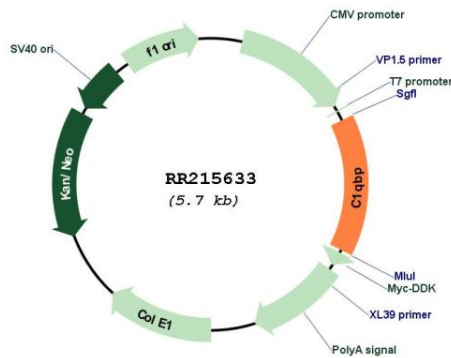
UniProt ID: [O35796](#)

Cytogenetics: 10q24

MW: 31 kDa

Gene Summary: binds to the globular heads of complement component C1q [RGD, Feb 2006]

Product images:



Circular map for RR215633