

Product datasheet for **RR216112**

C1ql4 (NM_001271242) Rat Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: C1ql4 (NM_001271242) Rat Tagged ORF Clone
Tag: Myc-DDK
Symbol: C1ql4
Synonyms: RGD1565968
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
ORF Nucleotide Sequence: >RR216112 representing NM_001271242
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGGATCGCC**

ATGGTGTCTGCTGCTGGTAGCCATCCCCTACTGGTGCACAGCTCTCGCGGACCAACACACTATGAGA
TGCTAGGTCGCTGTCGCATGGTGTGTGACCCCCACGCATCCCGAGGTCAAGGCTCCGACGGCGGCCCTC
CTCGGTGCCTCCCTCCCTCCAGGTGCCAAAGGAGAGGTAGGGCGGCGAGGGAAGCGGGCTGCGGGGA
CCCCAGGACCCCGGGTCCCAGAGGGCCCCCTGGAGAGCCAGGCAGGCCAGGTCCTCCAGTCCCTCTG
GCCAGGCCCTGGAGGGGAGCGCCCCCTGCCGGCTATGTACCCGAATTGCCTTCTATGCGGGCCTAAG
GCGGCCTCATGAGGGTTATGAAGTGTTCGCTTTGACGACGTGGTGACCAACGTGGGCAACGCTTACGAG
GCAGCCAGTGGAAGTTCACCTGTCCCATGCCAGGCGTCTACTTCTTCGCTTACCATGTGCTCATGCGCG
GTGGTGACGGTACCAGCATGTGGGCCGATCTGATGAAGAACGGACAGGTCCGTGCCAGCGCCATTGCTCA
GGATGCAGATCAGAACTATGACTATGCCAGCAACAGCGTCATTCTGCACCTAGATGTGGGAGATGAGGTC
TTTATCAAGCTGGACGGTGGGAAGGTGCATGGCGGCAACCAACAAGTACAGCACCTTCTCGGGATTCA
TCATCTATCCCGAC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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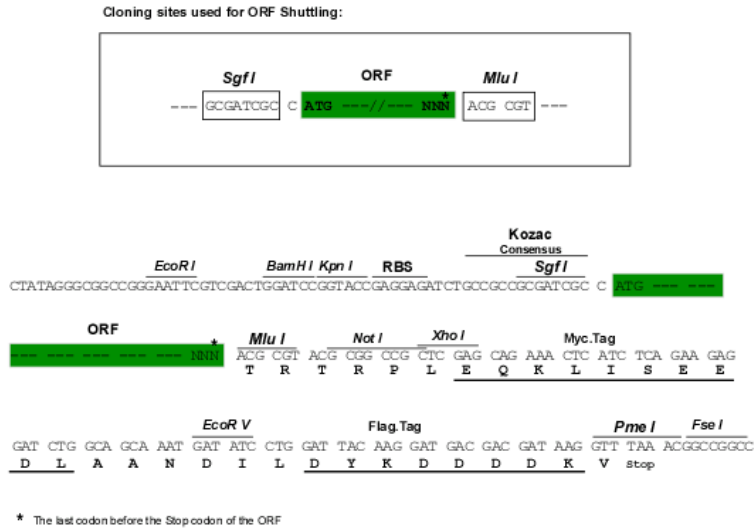
Protein Sequence: >RR216112 representing NM_001271242
Red=Cloning site Green=Tags(s)

MVLLLLVAIPLL VHSSRGPTHYEMLGRCRMVCDPHASRGQSDGAPSSVPPFPFGAKGEVGRRGKAGLRG
 PPGPPGPRGPPGEPGRPGPPGPPGPGGAAPPAGYVPRIAFYAGLRPHEGYEVLRFDDVVTNNGNAYE
 AASGKFTCPMPGVYFFAYHVLMRGGDGTSMWADLMKNGQVRASAI AQDADQNYDYASNSVILHLDDVGDEV
 FIKLDGGKVHGGNTNKYSTFSGFIIYPD

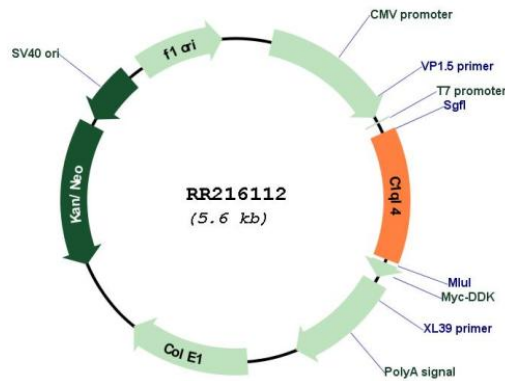
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001271242
ORF Size: 714 bp

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|-------------------------------|---|
| 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: | <ol style="list-style-type: none">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_001271242.2 , NP_001258171.1 |
| RefSeq Size: | 879 bp |
| RefSeq ORF: | 717 bp |
| Locus ID: | 300220 |
| Cytogenetics: | 7q36 |
| MW: | 25 kDa |