

## Product datasheet for **RR202807**

### Zcchc24 (NM\_001108394) Rat Tagged ORF Clone

#### Product data:

Product Type: Expression Plasmids  
 Product Name: Zcchc24 (NM\_001108394) Rat Tagged ORF Clone  
 Tag: Myc-DDK  
 Symbol: Zcchc24  
 Synonyms: RGD1306164  
 Mammalian Cell Selection: Neomycin  
 Vector: pCMV6-Entry (PS100001)  
 E. coli Selection: Kanamycin (25 ug/mL)  
 ORF Nucleotide Sequence: >RR202807 representing NM\_001108394  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGAGCCTGTGTCTGCCATCGACACGAGCGCCGCTCGGTGTACCAGCCAGCCAGCTACTCAACTGGG  
 TCTACCTGTCTCTCCAGGACACACACCAGGCTAGTGCCTTCGATGCCTCCGGCCCGAGCCGCCCGCGG  
 CGCCGCGCCCCGGAGCTGGCCTTCGGCAAGGGCCGCCGGAGCAGCTGGGTTCTCCCTGCACTCCAGC  
 TATCTTAACAGCGTCTTCCAGCTGCAGCGCGGAGAGACGCTGAGCAGCAGTGTGTATAGGAACGCTTCA  
 CCTATGGCTCCCTCAACAACATTGCTGATGGCCTCAGCTCCCTCACAGAGCATTCTCGGATCTGACGCT  
 CACCTCTGAAGCCGCAAAACCCAGCAAACGGCCTCCTCCGAACTACCTGTGCCACCTGTGTTTCAACAAA  
 GGACACTACATTAAGGATTGCCCTCAGGCACGCCCAAAGGTGAGGGTCTGACACCGTACCAAGGCAAGA  
 AGCGCTGCTTTGGCGAGTACAAGTGCCCAAAATGCAAGAGAAAATGGATGAGCGGAACTCCTGGGCCAA  
 CATGGGGCAGGAGTGCATCAAGTGCCACATCAACGTGTACCCACACAAGCAGAGACCCCTGGAGAAACCT  
 GATGGCCTGGACGTGTCTGACCAGCAAGGAGCACCCCTAACACCTCTGCGAAAAGTGAAGGTCTCTGG  
 GCTACTACTGTCGTCGTGTGCAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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**Protein Sequence:** >RR202807 representing NM\_001108394  
Red=Cloning site Green=Tags(s)

MSLLSAIDTSAASVYQPAQLLNWVYLSLQDTHQASAFDAFRPEPPAGAAPPELAFGKGRPEQLGSPLHSS  
 YLNSVFQLQRGETLSSSVYRNASPYGSLNNIADGLSSLTEHFSDLTLTSEARKPSKRPPPNYLCHLCFNK  
 GHYIKDCPQARPKGEGLTPYQGGKRCFGEYKCPKCKRKMMSGNSWANMGQECIKCHINVYPHKQRPLEKP  
 DGLDVSDQSKEHPQHLCEKCKVLGYCRRVQ

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\_001108394

**ORF Size:** 723 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\\_001108394.1](#), [NP\\_001101864.1](#)

**RefSeq Size:** 4423 bp

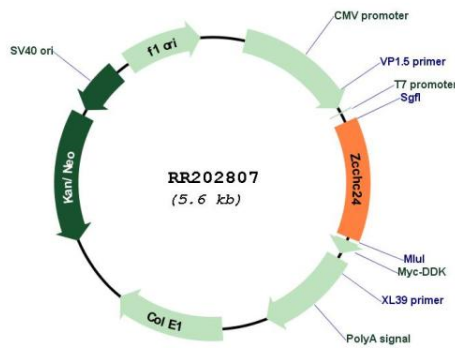
**RefSeq ORF:** 726 bp

**Locus ID:** 361104

**Cytogenetics:** 16p16

**MW:** 27 kDa

**Product images:**



Circular map for RR202807