

Product datasheet for **RC202676**

ZCCHC10 (NM_017665) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZCCHC10 (NM_017665) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: ZCCHC10
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC202676 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCGACTCCCATGCATCGGCTAATAGCCCGGAGACAAGCTGAAGCAAATAAGCAACATGTAAGATGTC
 AGAAATGCTTGGAAATTTGGACATTGGACTTATGAATGCACAGGAAAAAGAAAATACCTACATAGGCCCTC
 AAGGACAGCAGAACTAAAGAAAGCTTTAAAAGAAAAAGAAAACAGATTATTATTGCAACAAAGCATTGGA
 GAAACCAATGTAGAAAGAAAGGCCAAGAAAAAAGGTCTAAGAGTGTAAACAGTTCAGTAGCAGTAGCA
 GTGACAGTTCTGCCAGTGATTCTTCATCAGAGAGTGAAGAAACATCTACCTCTCCTCAGAGGACAG
 TGACACTGATGAAAGCTCCTCTAGTTCCTCATCCTCAGCCTCCTCCACAACCTCTCCTCCTCCTGAT
 TCAGACTCAGATTCCAGCTCTTCCAGTAGCAGTAGCACCAGCACAGATAGCAGCTCTGACGATGAACCAC
 CAAAGAAGAAGAAAAAGAAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC202676 protein sequence
 Red=Cloning site Green=Tags(s)

MATPMHRLIARRQAEANKQHVRQKCLEFGHWYECTGKRKYLHRPSRTAELKKALKEKENRLLLQQSIG
 ETNVERKAKKRSKSVTSSSSSSDSSASDSSSEETSTSSSESDTDESSSSSSSASSTSSSSSD
 SDSSSSSSSSTSDSSDDEPPKDKK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mk6415_d04.zip

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_017665

ORF Size: 510 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_017665.4](#)

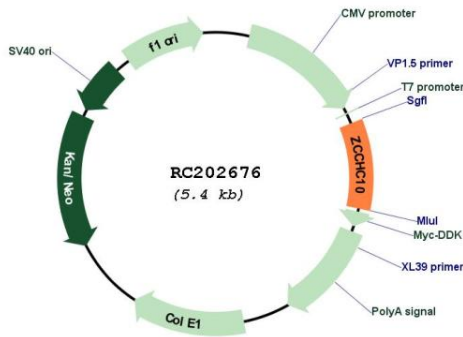
RefSeq Size: 2157 bp

RefSeq ORF: 513 bp

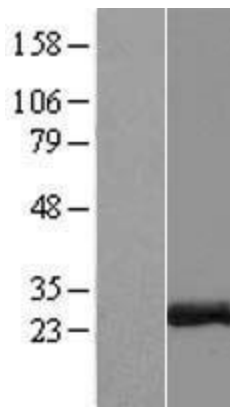
Locus ID: 54819

UniProt ID: Q8TBK6
Cytogenetics: 5q31.1
Domains: zf-CCHC
MW: 18.4 kDa

Product images:



Circular map for RC202676



Western blot validation of overexpression lysate (Cat# [LY413662]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC202676 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).