

Product datasheet for **RG236390**

ZCCHC10 (NM_001300817) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: ZCCHC10 (NM_001300817) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: ZCCHC10
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG236390 representing NM_001300817.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTAGTGAACCGTCAGAATTTGTAAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGCGACTCCCATGCATCGGCTAATAGCCCGGAGACAAGCATTGACACAGAGTTGCAGCCTGTCAAG
ACCTTTTGGATCCTGATTGACCCATCCATCGTTATTAGTGAAGCAAAATAGCAACATGTAAGATGTCAG
AAATGCTTGGAAATTTGGACATTGGACTTATGAATGCACAGGAAAAAGAAAATACCTACATAGGCCCTCA
AGGACAGCAGAATAAGAAAGCTTTAAAAGAAAAAGAAAACAGATTATTATTGCAACAAAGCATTGGA
GAAACCAATGTAGAAAGAAAGGCCAAGAAAAAAGTTCCAGTAGCAGTAGCAGTGACAGTTCTGCCAGT
GATTCTTCATCAGAGAGTGAAGAAACATCTACCTCTTCCCTCCTCCTCCTGATTGACACTGATGAAAGC
TCCTCTAGTTCTCATCCTCAGCCTCCTCCACAACCTCTTCCCTCCTCCTGATTGACACTCAGATTCC
AGCTCTTCCAGTAGCAGTAGCACCAGCACAGATAGCAGCTCTGACGATGAACCACCAAGAAGAAGAAA
AAGAAA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence: >Peptide sequence encoded by RG236390
Blue=ORF Red=Cloning site Green=Tag(s)

```
MATPMHRLIARRQAFDTELQPVKTFWILIQPSIVISEANKQHVRQCQKCLEFGHWYECTGKRKYLHRPS
RTAELKKALKEKENRLLLQQSIGETNVERKAKKKSSSSSSSDSSASDSSSESEETSTSSSESDDTDES
SSSSSSASSTSSSSSDSDSSSSSSSTSDSSSDDEPPKKKKK
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites: SgfI-MluI



Cloning Scheme:


ACCN: NM_001300817

ORF Size: 558 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).

RefSeq: [NM_001300817.3](#)

RefSeq Size: 2240 bp

RefSeq ORF: 561 bp

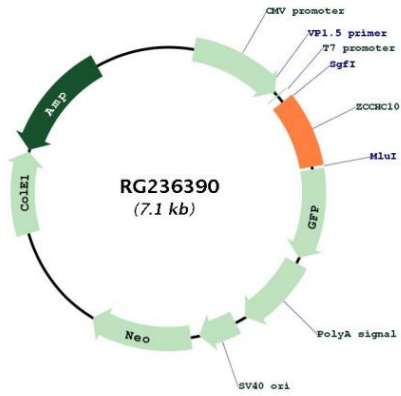
Locus ID: 54819

UniProt ID: [Q8TBK6](#)

Cytogenetics: 5q31.1

MW: 20.8 kDa

Product images:



Circular map for RG236390