

## Product datasheet for **RC205804**

### ZC3H10 (NM\_032786) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZC3H10 (NM_032786) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZC3H10
Synonyms:	ZC3HDC10
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Cloning Scheme:**


**ACCN:** NM\_032786

**ORF Size:** 1302 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\\_032786.3](#)

**RefSeq Size:** 2121 bp

**RefSeq ORF:** 1305 bp

**Locus ID:** 84872

**UniProt ID:** [Q96K80](#)

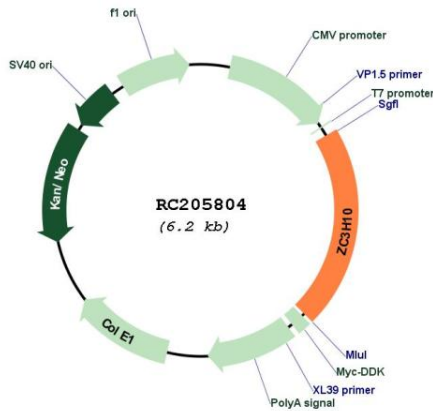
**Cytogenetics:** 12q13.2

**Domains:** zf-CCCH

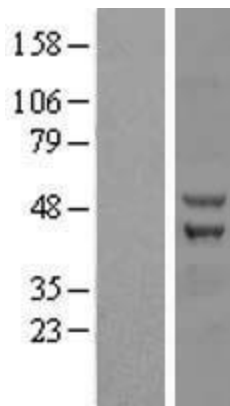
**MW:** 46.1 kDa

**Gene Summary:** Specific regulator of miRNA biogenesis. Binds, via the C3H1-type zinc finger domains, to the binding motif 5'-GCAGCGC-3' on microRNA pri-MIR143 and negatively regulates the processing to mature microRNA.[UniProtKB/Swiss-Prot Function]

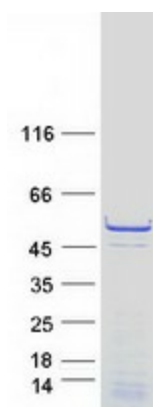
**Product images:**



Circular map for RC205804



Western blot validation of overexpression lysate (Cat# [LY409925]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC205804 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified ZC3H10 protein (Cat# [TP305804]). The protein was produced from HEK293T cells transfected with ZC3H10 cDNA clone (Cat# RC205804) using MegaTran 2.0 (Cat# [TT210002]).