

Product datasheet for **RC234621**

ZNF790 (NM_001242800) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF790 (NM_001242800) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF790
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC234621 representing NM_001242800
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCCATTTGATGATGTTTCAGGGATGTGGCTGTAGATTTCTCTCAGGAGGAGTGGGAGTGCCTGGACC
 TGGAACAGAGGGATTTATATAGAGATGTGATGTTGGAGAACTACAGCAACATGGTCTCACTGGGTTTTTG
 CATTATCAGCCAGAAGCGTTCTCTTTATTGGAGAAAAGGAAAAGAGCCCTGGAAGATTTTGGGGATGAG
 ACAAGAGGACCTTGCCAGACATGCAGTCGAGGTGTAGACCAAGAAGTTATTACCAAAAAATGGCATT
 TTGAGAGAGAAAAGCCCAATTGGAAAATATGAGAATTTGTA AAAACACAGCCTTGACTGTTTATGTTT
 TAGAGGTGACTGGGAAGGCAACTCAGTTTCAAACACTTCAAGATAATCAAGAGGAATGCTTCAAGCAG
 GTGATACGCACCTGTGAAAAAGGCCACTTTTAAACCAGCATACAGTGTTAATCTACACCAGAGACTTA
 ATACAGGAGACAACTGAATGAATTTAAGAAGTGGGAAAAGCCTTTATTTCTGGTTCAGATCATACTCA
 ACATCAGTTAATTCACACAAGTGAGAAATCTGTGGAGATAAAGAATGTGGGAATACCTTTCTTCTGAT
 TCAGAAGTTATCAATATCAGACAGTTCACACTGTTAAGAAAACATATGAATGTAAGAATGTGGGAAGT
 CTTTTAGTTTACGTTTCGAGTCTTACTGGTCATAAGAGAATTCATACCGGTGAGAAAACCTTTAAATGTAA
 GGATTGTGGGAAAGCCTTTAGATTTTCAATCACAACTTAGTGTCCATAAGCGAATTCATACTGGTGAGAAA
 TCTTATGAATGTAAGGAATGTGGGAAGGCCCTTTAGTTGTGGCTCAGATCTTACTCGACATCAGAGAATTC
 AACTGGTGAAAAACCTATGAATGTAATGAATGTAGAAAAGCCTTTAGTCAGCGATCACATCTTATTA
 ACATCAGAGAATTCACACTGGTGAAAAACCTTATGAATGTAAGGAGTGTGGGAAAGCTTTTACTCGTGGA
 TCACACCTAACTCAGCATCAGAGAATTCATACTGGTGAGAAATCTCATGAGTGAAGGAATGTGGAAAAG
 CCTTTATTCGTGGTTCAAATCTTGCTCAACATCAGAATGTTTATGTTGGTAGGAAACCTTATAAATGTGA
 GAAATGTGGGAAAGCCTATATTTGGAGCTCACACCTTGCTCGACATCAGCGAATTCATACTGGCAGGAAA
 CCTTATGAATGTAAGCAATGCGGGAAGACTTTTACTTGGGCTTCGTATCTTGCTCAACATGAGAAAATTC
 ACAATGAGAGGAAATCCTATGAATGTAAGGAATGTGAAAAGACCTTTCTCATGGCTCAGAGTTTAAATCG
 ACATCAGAAAATTCATACTGGTGAGAGAACTATGAATGTAAGGAATGTGGAAAGACCTTTTTCTGGT
 TCAGAATTAATCGACACCAGAAAATTCATACTGGAAAGAGGCCATATGAATGTGAAGAATGTGGAAAAG
 CCTTTCTCTGGGTTCACACTTACTCGACATCAGAGAATGCATACTGGTGAGGAACTTACGTATGTAA
 AGAATGTGGGAAATCTTTATCTGGGTTACAGCTTACACGACATAAGAAAATTCATACTGATGCAGAA
 CCTTATGGATGCAAGAAAAGTAGCCACATCTTTAGTCACCATTATTTTACTGAACAAAAATTCATA
 ATAGTGCAAACTCTGTGAATGGACAGACTATGGGAACACCTTTAGTCATGAGTCAAACCTTTGCTCAACA
 CCAGAATATTTCACTTTTGAGAAATCCTATGAATTTAAAGATTTTGAGAAAGCATTTTCTTCAAGCTCT
 CACTTCATTTCACTCTTG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC234621 representing NM_001242800
Red=Cloning site Green=Tags(s)

MAHLMMFRDVAVDFSQEEWECLDLEQRDLRYDVMLENYSNMVSLGFCIYQPEAFSLLEKKGPEWKILRDE
 TRGPCPDMQSRCQTKLLPKNGIFEREIAQLEIMRICKNHSLDCLCFRGDWEQNTQFQTLQDNQEECFKQ
 VIRTCEKRPTFNQHTVFNLHQRLNTGDKLNEFKELGKAFISGSDHTQHQLIHTSEKFCGDKECGNTFLPD
 SEVIQYQTVHTVKKTYECKEKGKSFSLRSSLTGHKRIHTGKPFKCKDCGKAFRFHSQLSVHKRIHTGK
 SYECKEKGKAFSCGSDLTRHQRIHTGKPYECNECRKAFSQRSHLIKHQRIHTGKPYECKEKGKAFTRG
 SHLTQHQRHTGKESHECKEKGKAFIRGSNLAQHQNVAHVGRKPYKCEKCGKAYIWSSHLARHQRIHTGRK
 PYECKQCGKFTFTWASYLAQHEKIHNERKSYECKEKGKFTLHGSEFNHRHQIHTGERNYECKEKGKFTFRG
 SELNRHQIHTGKRPYECCECGKAFWGSQ LTRHQRMHTGEEPYVCKEKGKSF IWGSQ LTRHKKIHTDAE
 PYGCKSSHIFSHHSYFTEQKIHNANLCEWTDYGNTFSHESNFAQHQNIYTFEKS YEFKDFEKAFSSSS
 HFISLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001242800

ORF Size: 1908 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_001242800.1](#), [NP_001229729.1](#)

RefSeq Size: 2183 bp

RefSeq ORF: 1911 bp

Locus ID: 388536

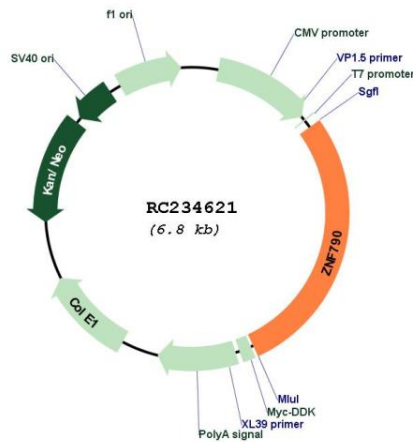
UniProt ID: [Q6PG37](#)

Cytogenetics: 19q13.12

MW: 75 kDa

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC234621