

Product datasheet for **RC208895**

ZNF790 (NM_206894) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF790 (NM_206894) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF790
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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ORF Nucleotide Sequence:

>RC208895 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCCATTTGATGATGTTTCAGGGATGTGGCTGTAGATTTCTCTCAGGAGGAGTGGGAGTGCCTGGACC
 TGGAACAGAGGGATTTATATAGAGATGTGATGTTGGAGAACTACAGCAACATGGTCTCACTGGGTTTTTG
 CATTATCAGCCAGAAGCGTTCTCTTTATTGGAGAAAAGGAAAAGAGCCCTGGAAGATTTTGGGGATGAG
 ACAAGAGGACCTTCCCAGACATGCAGTCGAGGTGTAGACCAAGAAGTTATTACCAAAAAATGGCATT
 TTGAGAGAGAAAAGCCCAATTGGAAAATATGAGAATTTGTA AAAACCACAGCCTTGACTGTTTATGTTT
 TAGAGGTGACTGGGAAGGCAACTCAGTTTCAAACACTTCAAGATAATCAAGAGGAATGCTTCAAGCAG
 GTGATACGCACCTGTGAAAAAGGCCACTTTTAAACCAGCATACAGTGTTAATCTACACCAGAGACTTA
 ATACAGGAGACAACTGAATGAATTTAAGAAGTGGGAAAAGCCTTTATTTCTGGTTCAGATCATACTCA
 ACATCAGTTAATTCACACAAGTGAGAAAATCTGTGGAGATAAAGAATGTGGGAATACCTTCTTCTGAT
 TCAGAAGTTATCAATATCAGACAGTTCACACTGTTAAGAAAACATATGAATGTAAGAATGTGGGAAGT
 CTTTTAGTTTACGTTTCGAGTCTTACTGGTCATAAGAGAATTCATACCGGTGAGAAAACCTTTAAATGTAA
 GGATTGTGGGAAAGCCTTTAGATTTTCAATCACAACTTAGTGTCCATAAGCGAATTCATACTGGTGAGAAA
 TCTTATGAATGTAAGGAATGTGGGAAGGCCCTTTAGTTGTGGCTCAGATCTTACTCGACATCGGAGAAATC
 ATACTGGTGAAAAACCTATGAATGTAATGAATGTAGAAAAGGCCCTTTAGTCAGCGATCACATCTTATTA
 ACATCAGAGAATTCACACTGGTGAAAAACCTTATGAATGTAAGGAGTGTGGGAAAGCTTTTACTCGTGGA
 TCACACCTAACTCAGCATCAGAGAATTCATACTGGTGAGAAAATCTCATGAGTGAAGGAATGTGGAAAAG
 CCTTTATTCGTGGTTCAAATCTTGCTCAACATCAGAATGTTTATGTTGGTAGGAAAACCTTATAAATGTGA
 GAAATGTGGGAAAGCCTATATTTGGAGCTCACACCTTGCTCGACATCAGCGAATTCATACTGGCAGGAAA
 CCTTATGAATGTAAGCAATGCGGGAAGACTTTTACTTGGGCTTCGTATCTTGCTCAACATGAGAAAATTC
 ACAATGAGAGGAAATCCTATGAATGTAAGGAATGTGAAAAGACCTTTCTCATGGCTCAGAGTTTAAATCG
 ACATCAGAAAATTCATACTGGTGAGAGAACTATGAATGTAAGGAATGTGGAAAGACCTTTTTCTGGT
 TCAGAATTAATCGACACCAGAAAATTCATACTGGAAAGAGGCCATATGAATGTGAAGAATGTGGAAAAG
 CCTTCTCTGGGTTCACACTTACTCGACATCAGAGAATGCATACTGGTGAGGAACTTACGTATGTAA
 AGAATGTGGGAAATCTTTATCTGGGGTTCACAGCTTACACGACATAAGAAAATTCATACTGATGCAGAA
 CCTTATGGGTGCAAGAAAAGTAGCCACATCTTTAGTCACCATTATATTTTACTGAACAAAAATTCATA
 ATAGTGCAAACTCTGTGAATGGACAGACTATGGGAACACCTTTAGTCATGAGTCAAACCTTGTCTCAACA
 CCAGAATATTTCACTTTTGAGAAAATCCTATGAATTTAAAGATTTTGAGAAAGCATTTTCTTCAAGCTCT
 CACTTCATTTCACTCTTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC208895 protein sequence
 Red=Cloning site Green=Tags(s)

MAHLMFRDVAVDFSQEEWECLDLEQRDLRYDVMLNYSNMVSLGFCIYQPEAFSLEKKGKEPWKILRDE
 TRGPCDPMQSRCQTKLLPKNGIFEREIAQLEIMRICKNHSLDCLCFRGDWEQNTQFQTLQDNQEECFKQ
 VIRTCEKRPTFNQHTVFNLHQRLNTGDKLNEFKELGKAFISGSDHTQHQLIHTSEKFCGDKECGNTFLPD
 SEVIQYQTVHTVKKTYECKEKGKSFSLRSSLTGHKRIHTGEKPFKCKDCGKAFFRHSQLSVHKRIHTGEK
 SYECKEKGKAFSCGSDLTRHRIHTGEKPYECNECRKAFSQRSHLIKHQR.IHTGEKPYECKEKGKAFTRG
 SHLTQHQR.IHTGEKSHECKEKGKAFIRGSNLAQHQNVAHVGRKPYKCEKCGKAYIWSSHLARHQRIHTGRK
 PYECKQCGKTFWASYLAQHEKIHNERKSYECKEKGKTFLHGSEFNHRQKIHTGERNYECKEKGKTFFRG
 SELNRHQKIHTGKRPYECCECGKAFWGSQ.LTRHQRMHTGEEPYVCKEKGKSF.IWGSQ.LTRHKKIHTDAE
 PYGCKSSHIFSHHSYFTEQKIHNANLCEWTDYGN.TFSHESNFAQH.QNIYTFEKS.YEFKDFEKAFSSS
 HFISLL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

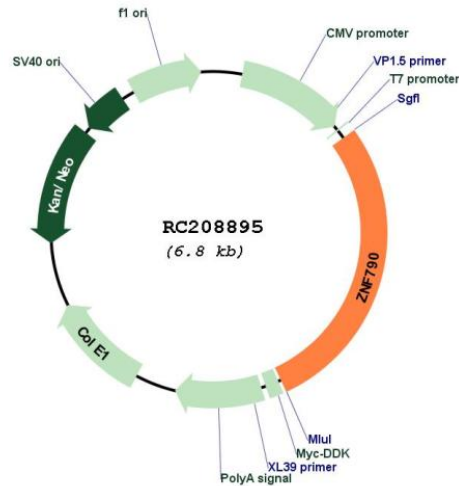
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_206894

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_206894.1, NP_996777.1](#)
RefSeq Size: 2143 bp
RefSeq ORF: 1911 bp
Locus ID: 388536
UniProt ID: [Q6PG37](#)
Cytogenetics: 19q13.12
MW: 74.6 kDa
Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]