

Product datasheet for **RC226716**

ZNF772 (NM_001144068) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF772 (NM_001144068) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF772
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC226716 representing NM_001144068
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCGGCTGAGCCGATGGGCCCGGCACAGGTTCCCATGAACTCAGAAGTAATTGTGGACCCTATAC
 AGGGGACAGGTGAACTTTGAGGACGTGTTCTGTACTTCTCCAGGAGGAGTGGGTGCTCCTTGATGAGGC
 TCAGAGGCTCCTGTACCGTGATGTGATGCTGGAGAACTTTCACCTATGGCCTCTCTGGGTTGTTGGCAT
 GGAATGGAGGATGAAGAGATACCTTTTGAAGCAGAGCTTTTCTATAGGAATGTACAGATCAGGATCCCA
 AGGGAGGTCTTCTACTCAGAAGGCTTACCCCTGTGGGACATGTGGCCTGGTCTTAAAGACATTTTGCA
 CTTGGCTGAGCACCAGGAAACACACCCAGGCGAGAAACCATACATGTGTGTGCTGTGTGGAAACAGTTC
 TGCTTCAGTGCAAACCTTACCAGCACCAGAAGCAGCACAGTGGAGAGAAACCCTTGAAGTGATAAGA
 GCAGGCCCTTTCTCTGAACAACGTGCTGTGCAATCAATGGAGATGTCTTTGTGACAGGGGAGGCTTG
 TAAGGACTTCCTAGCCAGCTCAAGCATTTTCGAGCACCATGCCCTCACAATGAGTGGAAGCCACACAGC
 AACACCAAGTGTGAGGAGGCTCTCACTGTGAAAAAGGCATTACAAATGCAAGTGAATGTGGAAAAACCT
 TCAGCCGCAAAGACTCACTTGTTCAACACCAGAGAGTCCACACTGGAGAAAGGCCTTATGAGTGCGGTGA
 ATGTGGAAAAACCTTTAGCCGCAAACCCATACTTGCTCAGCACCAGAGAAATCCACACTGGAGAAATGCCT
 TATGAGTGTGGCATATGTGGGAAAGTTTTAATCATAGCTCTAACCTTATTGTACATCAAAGAGTACACA
 CTGGAGCAAGGCCTTACAAGTGCAGTGAATGTGGGAAAGCCTATAGTCACAAATCTACACTTGTTTCAGCA
 TGAGAGTATCCATACTGGAGAAAGGCCATATGAGTGCAGCGAATGTGGAAAACTTTGGTCACAAATAC
 AGACTCATTAACATTGGAGTGTTCATACTGGAGCAAGGCCTTATGAGTGCATCGCATGTGGGAAGTTCT
 TTAGCCAAAGCTCTGACCTTATTGCACATCAAAGAGTTTCAATGGTGGAAAGCCTTATGTGTGCAGTGA
 ATGTGGAAAAAGCCTTTAGCCACAAACATGTACTTGTTCAGCATCATAGAATTCACACTGGAGAAAGGCCA
 TATAAGTGCAGTGAATGTGGGAAGGCCTTCAGGCAGAGGCTTCCTCATCCGCGACTGGAAAAATCACA
 CTGGAGAAAGGCCT

ACGCGTACGCGGCGGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

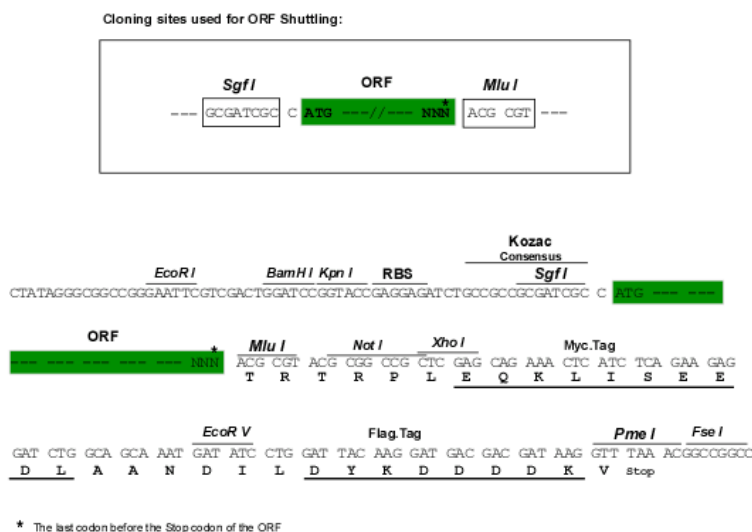
>RC226716 representing NM_001144068
 Red=Cloning site Green=Tags(s)

MAAAEPMGPAQVPMNSEIVDPIQGQVNFEDVFVYFSQEEWLLDEAQRLLYRDVMLENFALMASLGCWH
 GMEDEEIPFEQFSIGMSQIRIPKGGPSTQKAYPCGTCGLVLKDILHLAEHQETHPGQKPYMCVLCGKQF
 CFSANLHQHQKQHSGEKPFRRSDKSRPFLNNCAVQSMEMSFTGEACKDFLASSSIFEHHAPHNEWKPHS
 NTKCEEASHCGKRHYKCECGKTFSRKDSLQHQRVHTGERPYECGECGKTFSRKPILAQHQRIHTGEMP
 YECGICGKVFNHSSNLIVHQRVHTGARPYKCECGKAYSHKSTLVQHESIHTGERPYECSECGKYFGHKY
 RLIKHWSVHTGARPYECIACGKFFSQSSDLIAHQRVHNGEKPYVCSECGKAFSHKHVLVQHRIHTGERP
 YKCECGKAFRQRASLIRHWKIHTGERP

TRTRPLE**QKLISEEDLAANDILDYKDDDDKV**

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001144068

ORF Size: 1344 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_001144068.2](#)

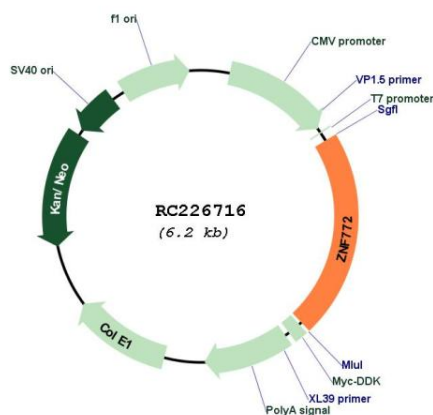
RefSeq ORF: 1347 bp

Locus ID: 400720

UniProt ID: [Q68DY9](#)

Cytogenetics: 19q13.43
MW: 50.9 kDa
Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC226716