

Product datasheet for **RC205772**

ZNF57 (NM_173480) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF57 (NM_173480) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF57
Synonyms:	ZNF424
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC205772 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGACTCAGTGGTCTTTGAGGATGTGGCTGTGGACTTACCCTGGAGGAGTGGCTTTGCTGGATTCTG
 CTCAGAGGGACCTCTACAGAGATGTGATGCTGGAGACCTCCGGAACCTGGCCTCAGTAGATGATGGGAC
 TCAATTTAAAGCCAATGGGTCAGTTAGTCTGCAGGATATGTACGGCAAGAAAAATCTAAGGAACAGACA
 ATACAAACTTACAGGAAATAATCTGTGCCTACACTTTAGAAAAAATGTGAAGGCTATGGCACTG
 AAGACCACCACAAAAATCTGAGAAATCATATGGTGGACAGATTCTGTACACATAATGAAGGTAATCAATA
 TGGAGAAGCCATCCATCAATGCCAGATCTTACCCTGCACAAGAAAGTTTCTGCTGGAGAAAAACCATAT
 GAATGCACCAAGTGCAGGACAGTCTTACGCATCTTCTCTCTAAAAGGCACGTCAAGTCTCACTGTG
 GACGAAAAGCACCTCCAGGTGAGGAATGTAAGCAGGCCTGCATTTGTCCCTCACACCTACACAGTACGG
 AAGAACCACACTGAGGAGAAGCCGTATAAGTGTCAAGCATGTGGCAAACCTTCCAACATCCTCGTTAC
 CTCTCCACCACGTAAAGACTCACACAGAGAGAAAACCTACAAATGCGAGCAGTGTCCGATGGCGTTTA
 ATGGGTTTCGCAAGCTTCACTAGACATGTGAGAACTCACACAAAAGACAGGCCATATAAATGTCAGGAATG
 TGGGAGAGCCTTCATTTTCCCTCGACATTTCAAAGACACATGACAACACACACTGGAGAGAAGCCCTAT
 AAATGTCAGCACTGTGGGAAAGCCTTCACTTACCCAGGCTTTTCAAAGACATGAGAAGACGCACACGG
 GAGAGAAGCCCTATGAATGCAAGCAGTGTGGGAAAACATTCAGTTGGTCTGAAACCTTCCGAGTCCACAT
 GAGGATCCACACCGGGGACAACTCTATAAATGTGAACACTGTGGGAAGGCTTTTACCTCTCCAGATCA
 TCCAAGGTCATTTGAGGACGCACACTGGAGAGAAACCTTATGAGTGTAAACAATGTGGGAAAGCCTTCA
 CTTGGTCTCAAGCTTTAGAGAACATGTGAGAATTCACACGCAAGAGCAGCTCTATAAATGTGAACAATG
 TGGGAAGGCTTTTACCTCTCCAGATCATTCCGAGGTCATTTGAGGACGCACACTGGAGAGAAGCCTTAT
 GAGTGTAAACAATGTGGAAAACCTTCACTTGGTCTCAACGTTTAGAGAACATGTGAGAATTCACACGC
 AAGAGCAGCTCCATAAATGTGAACACTGTGGGAAAGCCTTACCTCTCCAGAGCATTCCAAGGTCATTT
 GAGGATGCACACTGGAGAGAAGCCTTATGAGTGTAAACAATGTGGAAAACCTTCACTTGGTCTCAACC
 TTACATAATCATGTGAGGATGCACACTGGAGAGAAACCTCACAAATGTAAACAATGTGGGATGTCCTTCA
 AGTGGCACTCCTCTCCGGAACCATCTGAGGATGCACACAGGACAGAAATCCCACGAATGTCAGTCATA
 CTCAAAGCCTTCAGTTGCCAAGTCATTCTTTCTAAAACCACTGAGAGCACACAC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC205772 protein sequence
 Red=Cloning site Green=Tags(s)

MDSVVFEDVAVDFMLEEWALLDSAQRDLYRDVMLETFRNLASVDDGTQFKANGSVSLQDMYQGEKSKEQT
 IPNFTGNNSCAYTLEKNCEGYGTEDHHKLNLRNLMVDRFCTHNEGNQYGEAIHQMPDLTLHKVVSAGEKPY
 ECTKCRVTFTHLSSLKRHVKSHCGRKAPPGEECKQACICPSHLHSHGRDTEEKPYKCQACGQTFQHPRY
 LSHHVKTHTAEKTYKCEQCRMAFNFGASFTRHVRTHTKDRPYKCQECGRAFIYPSFQRHMTTHTGEKPY
 KCQHCGKAFTYPQAFQRHEKHTHTGEKPYECKQCGKTFWSSETLRVHMRIHTGDKLYKCEHCGKAFTSSRS
 FQGHRLRHTHTGEKPYECKQCGKAF TWSSTFREHVRIHTQEQLYKCEQCGKAFTSSRSFRGHLRHTHTGEKPY
 ECKQCGKTF TWSSTFREHVRIHTQEQLHKCEHCGKAFTSSRAFQGHRLMHTGEKPYECKQCGKTF TWSST
 LHNHVRMHTGEKPHKCKQCGMSFKWHSSFRNHLRMHTGQKSHCEQSYSKAFSCQVILSKTSESTH

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6327_f07.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:

ACCN: NM_173480

ORF Size: 1665 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.

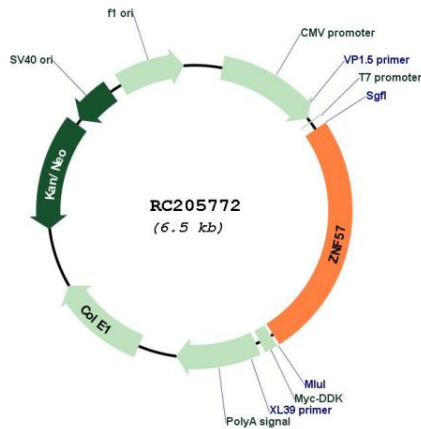
RefSeq: [NM_173480.1](#), [NP_775751.1](#)
RefSeq Size: 2016 bp

RefSeq ORF: 1668 bp

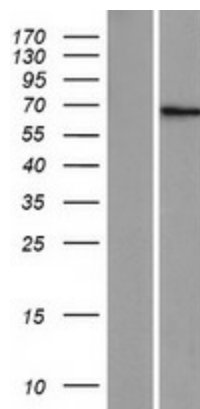
Locus ID: 126295

UniProt ID: [Q68EA5](#)

Cytogenetics: 19p13.3
Protein Families: Transcription Factors
MW: 64.4 kDa
Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:


Circular map for RC205772



Western blot validation of overexpression lysate (Cat# [LY406597]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC205772 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).