

Product datasheet for **RC206106**

ZNF548 (NM_152909) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF548 (NM_152909) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF548
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC206106 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACCTGACTGAGGGCCGTGGTCTTTGAGGACGTGGCCATATATTTCTCCCAGGAGGAGTGGGGC
 ACCTTGATGAGGCTCAGAGATTGCTGTACCGTGATGTGATGCTGGAGAATTTGGCCCTTTTGCCTCACT
 AGGTTCTTGGCATGGAGCTGAGGATGAGGAGTCACCTTACAGCAAGGTTTTTCTGTAGGAGTGTACAG
 GTTACAACCTCAAAGCCCTGTCTGTCCAGCCAGAAGGTCCACCCTAGTGAGACATGTGGCCACCCTTGA
 AAGACATTCTGTGCCTGGTTGAGCACAATGGAATTCATCCTGAGCAACACATATATATTTGTGAGGCAGA
 GCTTTTTTCAGCACCCAAAGCAGCAAATTTGGAGAAAATCTTTCCAGAGGGGATGATTGGATACCTTCATT
 GGAAGAACCACAGATTACATGGCAGAGGAGATCTTCATGCATGGAGGGCTGGAAGGACTTACCAG
 CCACCTCATGCCTTCTCCAGCACCAGGGCCCTCAAAGCGAGTGAAGCCATACAGGGACACAGAGGACAG
 AGAAGCCTTTGACTGGACAAAATGATTACAAAATGTAGTGAATGTGGGAAAACCTTCACCTGCAGCTAT
 TCATTTGTTGAGCACCAGAAAATCCACACAGGAGAAAGGTCCTTATGAATGTAACAAATGTGGGAAATCT
 TTAAGTACAGTGCCAATTCATGAAACATCAGACAGTTCACACTAGTGAAGGACTTATGAGTGCAGAGA
 ATGTGGAAAATCCTTTATGTACAACCTACCGACTCATGAGACATAAGCGAGTTCACACTGGAGAAAGGCC
 TATGAGTGCAACACATGTGGGAAATCTTTTCGGTACAGCTCCACATTTGTTAGACATCAGAGAGTTCACA
 CCGGAGAAAGGCCGTATGAGTGCAGGAAATGTGGGAAATCTTTATGGACAGCTCCACACTCATTAAACA
 TCAGAGAGTTCACACCGGAGAAAGACCTTATAAGTGAATGATTGTGGGAAATTTTTAGGTATATCTCC
 ACACCTATTAGACATCAGAGAATTCACACTGGAGAAAGGCCTTATGAGTGCAGTGTATGTGGGAAATGT
 TTAGGTACAACCTCAGCCTTGTAAACATTTGGAGAAAATCAGACTGGAGAAAGGCCTTATAAATGCAGTGA
 ATGTGGGAAATCATTAGGTACCACTGCAGGCTCATTAGACACCAGAGAGTCCACACGGGAGAAAGGCC
 TATGAGTGCAGCGAATGCGGAAATCTTTTCGTTACAACCTCAACCTCATTAAACATTTGGAGAAATCACA
 CTGGAGAAAGGCCTTACGAGTGCAGAGAGTGTGGGAAAGCCTTTAGCCACAAGCATATACTTGTGAGCA
 CCAGAAAATCCACAGTGGAGAAAGACCTTATGAGTGCAGCGAATGCCAGAAAGGCCTTTATTAGAAAGTCT
 CACCTGGTTCATCACCAGAAAATCCACAGTGAAGAGAGGCTTGTGTCTCCATGAATGTGGGAAATCTT
 TAGCTAAAACCTCAACCTCATTAAACATCAGAGATTTACAATGGAGAAAGTTTACCAT

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC206106 protein sequence
 Red=Cloning site Green=Tags(s)

MNLTEGRVVFEDVAIYFSQE EWGHLDEAQRLLYRDVMLENLALLSSLGSHWGAEDEESPSQQGFSVGVSE
 VTTSKPCLSSQKVHPSETCGPPLKDILCLVEHNGIHPEQHIYICEAELFQHPKQIQIGENLSRGDDWIPSF
 GKNHRVHMAEEIFTCMEGWKDLPATSCLLQHQPQSEWKPYRDTEDREAFQTGQNDYKCECGKFTFCSY
 SFVEHQIHTGERSYECNKCGKFFKYSANFMKHQTVHTSERTYECRECGKSFMYNYRLMRHKRVHTGERP
 YECNTCGKFFRYSSTFVRHQRVHTGERPYECRECGKFFMDSSTLIKHQRVHTGERPYKCNDCGKFFRYIS
 TLIHQRIHTGERPYECSVCGELFRYNSLVKHWNRHTGERPYKCECGKSFYRHCRLIRHQRVHTGERP
 YECSECGKFFRYNSNLIKHWNRHTGERPYECRECGKAFSHKHILVEHQIHSGERPYECSECQKAFIRKS
 HLVHHQKIHSEERLVCSMNVGNLAKTPTSLNIRDFTMEKVYH

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6319_e01.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_152909

ORF Size: 1599 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_152909.2](#), [NP_690873.1](#)

RefSeq Size: 4529 bp

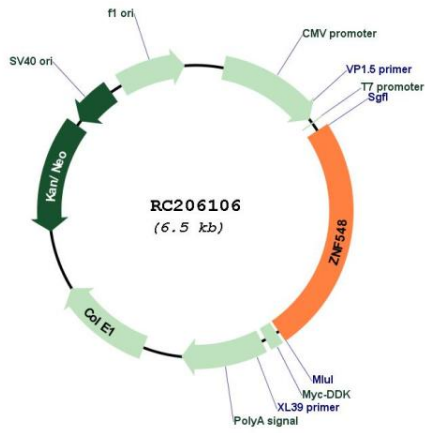
RefSeq ORF: 1602 bp

Locus ID: 147694

UniProt ID: [Q8NEK5](#)

Cytogenetics: 19q13.43
Domains: KRAB, zf-C2H2
Protein Families: Transcription Factors
MW: 62.8 kDa
Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC206106