

Product datasheet for **RC234478**

ZNF248 (NM_001267597) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF248 (NM_001267597) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF248
Synonyms:	bA162G10.3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC234478 representing NM_001267597
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAACAAATCCCAGGAACAAGTGTCTTCAAGGATGTATGTGTGGACTTCACTCAGGAAGAGTGGTATC
 TGCTGGACCCTGCTCAGAAGATTCTATACAGAGATGTGATCCTGGAAAATTATAGCAATCTTGTCTCAGT
 AGGGTATTGCATTACTAAACCAGAAGTGATCTTTAAGATCGAGCAAGGAGAAGAGCCCTGGATATTAGAA
 AAAGGATCCCAAGCCAGTGCCACCCAGAAAGGAAATGGAAAAGTTGATGACGTGTTAGAGAGCAGCCAGG
 AAAATGAAGATGACCATTTTGGGAGCTTCTATCCACAACAACAAAACAGTAAGTGTAGAAAATGGAGA
 TAGAGGAAGCAAAACTTTCAATTTGGGCACAGACCCTGTTTCTTAAAGAAATTATCCCTATAAAAATGT
 GACTCATGTGAAATGAATTTGAAAAATATTTGGGCTTAATTATTAGTAAAAAGAACTGTCCAGAAAAGA
 AGCCTGATGAGTTAATGTATGTGAGAAATGCTCCTTGATATTAGGCATGAGAAAATCCCTATTGGAGA
 GAAGTCTTATAAATATGATCAAAAAAGGAATGCCATTAATTATCACCAGGATCTCAGTCAGCCAAGTTTT
 GGCAATCTTTGAGTATAGTAAAAATGGACAAGGCTTCCATGATGAGGCAGCATTTTTTACAAATAAGA
 GATCTCAGATAGGAGAGACAGTCTGTAATATAACGAATGTGGAAGAACCCTTCATTGAAAGTTTAAAGCT
 GAATATATCTCAAAGACCTCATTGAAAATGGAGCCGATGGATGCAGTATTTGGCGGAAGTCTTCTGCTC
 ATGAATTTAAGTTTGGACATCAGAGAGCTTACAAAGGACAATCCTTATGAATATAATGAATATGGGG
 AAATCTTCTGTGACAATTCAGCTTTCATTATCCATCAGGGAGCTTACACAAGAAAGATTCTCCGTGAATA
 TAAAGTGAGTGACAAAACCTGGGAAAAGTCAGCTCTCTTAAAACATCAAATAGTACACATGGGGGAAAG
 TCTTATGATTACAATGAAAATGGGAGTAATTTAGCAAGAAGTCACATCTTACCCAGCTTCGGAGAGCTC
 ACACAGGAGAAAAACCTTTGAATGTGGTGAATGTGGGAAAACCTTCTGGGAGAAGTCAAACCTCACTCA
 ACATCAGAGAACACACACAGGAGAGAAGCCCTATGAATGTAATGTGGGAAAACCTTTTGGCAAAA
 CCACACCTGACCAACCATCAGCGAACACATACAGGAGAAAAACCTATGAATGTAGCAATGTGGAAAA
 CATTCTGTGTGAAGTCAAACCTCACTGAACATCAGAGAACACACAGGGGAGAAGCCCTATGAATGTAA
 TGCATGTGGGAAATCCTTCTGCCACAGATCAGCCCTCACTGTGCATCAGAGAACACACAGGGGAGAAA
 CCGTTTATATGAATGAATGTGGAAAATCCTTCTGTGTGAAGTCAAACCTCATTGTACATCAAAGAACTC
 AACTGGGAGAAAACCATATAAGTGAATGAATGTGGGAAAACCTTCTGTGAAAATCAGCTCTCACTAA
 ACATCAGAGGACTCACACAGGGGAGAAGCCGATGAGTGAATGCATGTGGGAAGACCTTTAGTCAGAGG
 TCAGTGCTCACCAACATCAGAGAATTCACACAAGGGTGAAGCTCTTCAACATCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC234478 representing NM_001267597
 Red=Cloning site Green=Tags(s)

MNKSQEQVSFKDVCVDFTEEWYLLDPAQKILYRDVILENYSNLVSVGYCITKPEVIFKIEQGEEPWILE
 KGFPSQCHPERKWKVDDVLESSQENEDDFWELLFHNNKTVSVENGDRGSKTFNLGTDPSVLRNYPYKIC
 DCEMNLKNISGLIISKKNCSRKKPDEFNVCEKLLLDIRHEKIPIGEKSYKYDQKRNAINYHQDLSQPSF
 GQSFEYSKNGQGFHDEAAFFTNKRSQIGETVCKYNECGRTFIESLKLNISQRPHLEMEPYGCSICGKSF
 MNLRFGHQRALTKDNPYEYNEYEIFCDNSAFIIHQGAYTRKILREYKVS DKTWEKSALLKHQIVHMGGK
 SYDYNENGSNFSKKSHTQLRRAHTGEKTFECGCGKTFWEKSNLTQHRTHTGEKPYEETECGKAFQK
 PHLTNHQRTHTEKPYECKQCGKTFVKSNTLTHQRTHTEKPYECNACGKSFCHRSALTVHQRTHTEK
 PFICNECGKSFVKSNTLIVHQRTHTEKPYKCNCGKTFCEKSALTKHQRTHTEKPYECNACGKTFVSR
 SVLTKHQRIHTRVKALSTS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001267597

ORF Size: 1737 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_001267597.1](#), [NP_001254526.1](#)

RefSeq Size: 4819 bp

RefSeq ORF: 1740 bp

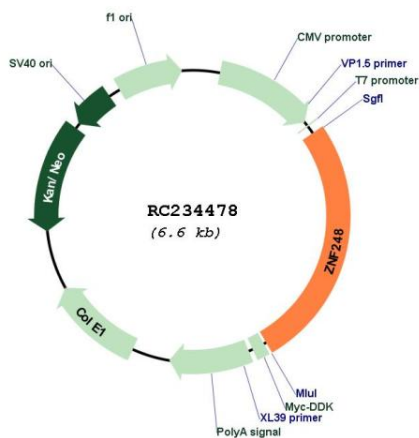
Locus ID: 57209

UniProt ID: [Q8NDW4](#)

Cytogenetics: 10p11.21

Protein Families: Transcription Factors
MW: 67.5 kDa
Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC234478