

Product datasheet for **RG234478**

ZNF248 (NM_001267597) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF248 (NM_001267597) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF248
Synonyms:	bA162G10.3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG234478 representing NM_001267597
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGAACAAATCCCAGGAACAAGTGTCAATCAAGGATGTATGTGTGGACTTCACTCAGGAAGAGTGGTATC
 TGCTGGACCCTGCTCAGAAGATTCTATACAGAGATGTGATCCTGGAAAATTATAGCAATCTTGTCTCAGT
 AGGGTATTGCATTACTAAACCAGAAGTGATCTTTAAGATCGAGCAAGGAGAAGAGCCCTGGATATTAGAA
 AAAGGATCCCAAGCCAGTGCCACCCAGAAAGGAAATGGAAAAGTTGATGACGTGTTAGAGAGCAGCCAGG
 AAAATGAAGATGACCATTTTGGGAGCTTCTATCCACAACAACAAAACAGTAAGTGTAGAAAATGGAGA
 TAGAGGAAGCAAAACTTTCAATTTGGGCACAGACCCTGTTTCTTTAAGAAATTATCCCTATAAAAATGT
 GACTCATGTGAAATGAATTTGAAAAATATTTGGGCTTAATTATTAGTAAAAAGAACTGTTCCAGAAAAGA
 AGCCTGATGAGTTAATGTATGTGAGAAATGCTCCTTGATATTAGGCATGAGAAAATCCCTATTGGAGA
 GAAGTCTTATAAATATGATCAAAAAGGAATGCCATTAATTATCACCAGGATCTCAGTCAGCCAAGTTTT
 GGCAATCTTTGAGTATAGTAAAAATGGACAAGGCTTCCATGATGAGGCAGCATTTTTTACAAATAAGA
 GATCTCAGATAGGAGAGACAGTCTGTAATATAACGAATGTGGAAGAACCCTTCATTGAAAGTTTAAAGCT
 GAATATATCTCAAAGACCTCATTGAAAATGGAGCCGATGGATGCAGTATTTGGCGGAAGTCTTCTGCTG
 ATGAATTTAAGTTTGGACATCAGAGAGCTTTACAAAGGACAATCCTTATGAATATAATGAATATGGGG
 AAATCTTCTGTGACAATTCAGCTTTTATTATCCATCAGGGAGCTTACACAAGAAAGATTCTCCGTGAATA
 TAAAGTGAGTGACAAAACCTGGGAAAAGTCAGCTCTCTTAAAACATCAAATAGTACACATGGGGGAAAAG
 TCTTATGATTACAATGAAAATGGGAGTAATTTAGCAAGAAGTCACATCTTACCCAGCTTCGGAGAGCTC
 ACACAGGAGAAAAACCTTTGAATGTGGTGAATGTGGGAAAACCTTCTGGGAGAAGTCAAACCTCACTCA
 ACATCAGAGAACACACACAGGAGAGAAGCCCTATGAATGTAATGTGGGAAAACCTTTTGGCAGAAA
 CCACACCTGACCAACCATCAGCGAACACATACAGGAGAAAAACCTATGAATGTAGCAATGTGGAAAAA
 CATTCTGTGTGAAGTCAAACCTCACTGAACATCAGAGAACACACAGGGGAGAAGCCCTATGAATGTAA
 TGCATGTGGGAAATCCTTCTGCCACAGATCAGCCCTCACTGTGCATCAGAGAACACACAGGGGAGAAA
 CCGTTTATATGAATGAATGTGGAAAATCCTTCTGTGTGAAGTCAAACCTCATTGTACATCAAAGAACTC
 ACTGGGGAGAAAACCATATAAGTGAATGAATGTGGGAAAACCTTCTGTGAAAATCAGCTCTCACTAA
 ACATCAGAGGACTCACACAGGGGAGAAGCCGATGAGTGAATGCATGTGGGAAGACCTTTAGTCAGAGG
 TCAGTGCTCACCAAACATCAGAGAATTCACACAAGGGTGAAGCTCTTCAACATCC

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG234478 representing NM_001267597
 Red=Cloning site Green=Tags(s)

MNKSQEQVSFKDVCVDFTEQEWYLLDPAQKILYRDVILENYSNLVSVGYCITKPEVIFKIEQGEPEWILE
 KGFPSQCHPERKWYDDVLESSQENEDDHFELLFHNNKTVSVENGRGSKTFNLGTDVSLRNYPYKIC
 DSCENMLKNISGLIISKKNCSRKKPDEFNVCEKLLDIRHEKIPIGEKSYPYDQKRNAINYHQDLSQPSF
 GQSFYEYSKNGQGFHDEAAFFTNKRSQIGETVCKYNECGRTFIESLKLNISQRPHLEMEPYGCSICGKSF
 MNLRFHQALTKDNPYEYNEYEIFCDNSAFIIHQGAYTRKILREYKVS DKTWEKSALLKHQIVHMGGK
 SYDYNENGSNFSKKSHTQLRRAHTGEKTFECGEGKTFWEKSNLTQHRTHTGEKPYECTECGKAFQK
 PHLTNHQRTHTEKPYECKQCGKTFVKSNTLTHQRTHTEKPYECNACGKSFCHRSALTVHQRTHTEK
 PFICNECGKSFVKSNTLIVHQRTHTEKPYKNECGKTFCEKSALTKHQRTHTEKPYECNACGKTFVQR
 SVLTKHQRIHTRVKALSTS

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-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

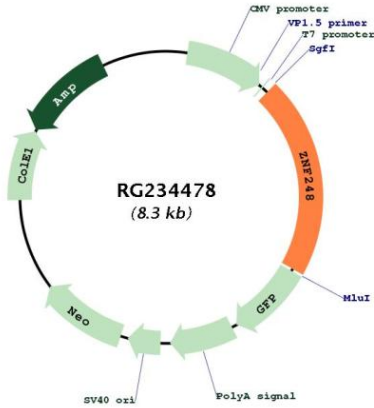
UniProt ID: [Q8NDW4](#)

Cytogenetics: 10p11.21

Protein Families: Transcription Factors

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG234478