

Product datasheet for **RG205426**

ZNF563 (NM_145276) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF563 (NM_145276) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF563
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG205426 representing NM_145276
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGACGCAGTGGCCTTTGAGGATGTGGCTGTGAACCTCACCCAGGAGGAATGGCCTTTGCTGGGTCCAT
 CACAGAAGAATTTATACAGATATGTGATGCAAGAAACCATCAGGAACCTGGACTGTATAAGAATGATATG
 GGAAGAACAGAATACTGAAGATCAGTACAAAAATCCTAGGAGAAATCTAAGATGCATATGGTAGAGAGA
 TTCAGTAAAAGTAAAGACAGTAGTCAGTGTGGAGAAACATTTAGCCTCATTTCGAGATAGTATTGTGAACA
 ACAGCATTGTCTGGAGAAGATCCATGTCAAAGCGCTGAGTGTGAAGAAGTCATAATGGGTCATTTATC
 CCTTAATAGCCACATCAGAGTTGATTCTGGACACAAACCACATGAGTATCAGGAATATGGAGAGAAGCCA
 CATAACATAAAACAGTGGGAAAGCCTTCAGTTACCATCACTCCTTTTCAGTCGCGTGGAAAGCCTCACA
 CTGGAAAGAAACGCTATGAGTGAAGGAATGTGAAAAACCTTCAGTTCTCGTAGAAACCTTCGAAGACA
 CATGGTAGTGCAAGGTGGAAATAGACCTTATAAATGTAAGTTGTGTGGGAAAGCTTTTTTTTGGCCAGT
 TTATTACGTATGCATGAAAGAACTCACACTGGAGAGAAACCGTATGAATGTAAGCAGTGTCTAAAGCCT
 TTCTTTTTACAGTTCCTATCGAAGACATGAGAGAATGCACACTGGGGAGAAACCGTATGAATGTAAGCA
 GTGTTCTAAAGCCTTGCCTGATTCCAGTTCCTATAAAGACATGAAAGAACTCACACTGGAGAGAAACCA
 TATACATGTAACAGTGTGGGAAAGCCTTCAGTGTTCAGTTCCTTCGAAAGACATGAAACCACTCACA
 GTGCAGAGAAACCTATGAGTGAAGCAATGCGGGAAACATTTTCATCATCTTGGAAAGCTTTTCAGATACA
 CATGAAAGGCACACTGGAGATCGACCTCATAAATGTAAGATATGTGGGAAAGGCTTTGATCGTCCCAGT
 TTAGTTCGATATCATGAACGAATTCACACTGGAGAGAAACCTATGAATGCAAGCAGTGTGGGAAACGT
 TATCTCATAGCTCAAGCTTTTGAAGACACATGATAATGCACACTGGAGGTGGACCTCATAAATGCAAGAT
 ATGTGGGAAAGCTTTTTGTTTATCTAGTGTATGTCAAAGACACGAAAGTCTCACAGTGGAGAGAAACCC
 TATGAATGCAAGCAGTGTGGGAAAGCCTTATCTCATAGCTCAAGCTTTTGAAGACATATGGAATGCATA
 CGGGAGATGGGCCGAATAAATGCAAGGTATGTGGGAAAGCCTTTGTTTATCCAGTGTATGTCAAAGACA
 TGAAGAACTCACTGGAGAGAAACAATA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG205426 representing NM_145276
 Red=Cloning site Green=Tags(s)

MDAVAFEDVAVNFTQEEWALLGPSQKNLYRYVMQETIRNLDCIRMIWEEQNTEDQYKNPRRNLRCHMVER
 FSESKDSSQCGETFSLIRDSIVNNSICPGEDPCQSAECEEVIMGHLNLNSHIRVDSGHPHEYQYGEKP
 HTHKQRGKAFSYHHSFQSRGRPHTGKKRYECKEKGKTFSSRRNLRRHMVVQGNRPYKCKLGGKAFWPS
 LLRMHERHTHTGEKPYECKQCSKAFPFYSSYRRHERMHTGEKPYECKQCSKALPDSSYIRHERHTHTGEK
 YTCKQCGKAFSVSSSLRRHETTHSAEKPYECKQCGKTFHHLGSFQIHMKRHTGDRPHKCKICGKGFDRPS
 LVRYHERIHTGEKPYECKQCGKTLSSSSFRRHIMHTGGPHKCKICGKAFVYPSVQQRHEKSHSSEK
 YECKQCGKALSHSSFRRHVMHTGDGPNKCKVCGKAFVYPSVQQRHEKTHWRETI

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_145276

ORF Size: 1428 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_145276.3](#)

RefSeq Size: 2755 bp

RefSeq ORF: 1431 bp

Locus ID: 147837

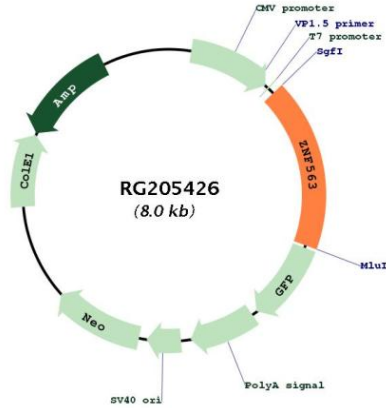
UniProt ID: [Q8TA94](#)

Cytogenetics: 19p13.2

Protein Families: Transcription Factors

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

Product images:



Circular map for RG205426