

Product datasheet for **RG207675**

ZNF567 (NM_152603) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF567 (NM_152603) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF567
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG207675 representing NM_152603
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGATGTGATGTTGGAAAACATTGCCACCTCATCTCTGTGGGTGTCACATGACCAAACCTGATGTGA
 TCCTCAAGTTGGAACGAGGAGAAGGCCATGGACATCATTTCAGGTCATACCTGCTTGGAGAAAACCTG
 GAAAGCTGAAGACTTTTTAGTGAATTCAGGAACACCAAGAGAAGTATTCTAGATCAGTTGTAAGCATC
 AACACAAAAAAGCTGGTGAAGGAGAAGAGTAAAAATATGAAAAGACATTTACTCTAGGCAAAAACCTG
 TGAATTCAAAAAATCTACCTCCTGAATATGATACTCATGGAAGGATTTTAAAAATGTTTCAGAATTAAT
 CATCAGTAATCTAAATCCTGCAAGAAAGAGACTTAGTGAGTATAATGGATATGGGAAATCACTCCTGAGT
 ACTAAACAAGAGACTACTCATCCTGAAGTCAAATCCCATAATCAAAGTCCAGAGCTTTTCAGTCATAATG
 AAGTTCTTATGCAGTATCAGAAAACGAAACTCCAGCACAGTCATTTGGATATAATGACTGTGAGAAATC
 ATTCCTTCAAAGGGGAGGCTGATTACACATAGTAGACCTTACAAGGAGAAAACCCATCTGTATATAAT
 AAAAAAGAAGAGCAACCAATATTGAAAAAAAACATACATGCAATGAATGTGGGAAATCTTTCTGCAGGA
 AATCAGTATTGATTCTGCATCAGGGAATCACTCAGAAGAAAAACCCATCAATGTCATCAATGTGGAAA
 TGCATTTAGAAGGAAATCATATCTCATTGATCATCAGAGAACTCACACAGGAGAGAAACCCTTTGTTTGC
 AATGAATGTGGTAAGTCCTTCCGCCTCAAGACAGCCCTCACTGATCATCAGAGAACACACACAGGGGAGA
 AATCGTATGAATGTCTGCAATGTAGGAATGCCTTCAGATTGAAGTACACCTCATTGTCATCAGAGAAC
 TCACACGGGAGAGAAACCATATGAGTGTAAATGACTGTGGGAAGTCCTTCCGCCAGAAGACAACACTCTCT
 CTACATCAGAGAATCCATACAGGTGAGAAAACCCATATTTGTAAGAATGTGGGAAGTCCTTTACCAGA
 AGGCAAACTTTACTGTACATCAGAGAACTCATACAGGGGAAAAGCCCTATATTTGTAATGAATGTGGGAA
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 AGTGAATGTGGAAAGTCCTTCCGCCAGAAGACAACCCCTTGTAGCACATCAGAGAACACATACAGGGGAGA
 AATCTTATGAATGTCCTCACTGTGGGAAGGCTTTAGAATGAAGTACATCCTCATTGATCATCACCGAAC
 TCACACAGGAGAGAAACCATATGAATGTAATGAATGTGGTAAATCATTCACTCAGTCAAAGACAAATCTCAAT
 CTACATCAGAGAATTCATACAGGGGAGAAAACCCATGTTTGAATGAATGTGGGAAGTCCTTTCCGCCAGA
 AAGCAACCCTCACTGTACATCAGAAAATACATACCGGCCAGAAAATCCTATGAATGTCCTCAGTGTGGGAA
 AGCCTTTAGCAGGAAGTCATATCTCATTATCATCAAAGAACTCATACGGGAGAGAAACCATATAAATGT
 AGTGAATGTGGAAAGTGCTTCCGCCAGAAGACAATCTTATTGTACATCAGAGAACTCACACAGGTGAGA
 AACCCATGTTTTGAATGAGTGTGGTAAGTCTTTCAGTTATAAGAGAAAACCTCATTGTCCATCAAAGAAC
 TCACAAGGGAGAAAACATTGAAATGCAA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG207675 representing NM_152603
 Red=Cloning site Green=Tags(s)

MDVMLENYCHLISVGCHMTKPDVILKLERGEEPWTSFAGHTCLEENWKAEDFLVKFKEHQEKYSRSVVISI
 NHKKLVKEKSKIYEKFTLGNPNVNSKNLPPPEYDTHGRILKNVSELIISNLNPARKRLSEYNGYGKSLLS
 TKQETTHPEVKSHNQ SARAF SHNEVLMYQK TETPAQSFYNDCEKSF LQRGGLI THSRPYKGENPSVYN
 KKRRATNIEKKHTCNECGKSF CRKSVLILHQGIHSEEKPYQCHQCGNAFRRSY LIDHQRTHTGEKPFVC
 NECGKSFRLK TALTDHQRTHTGEKSYEQLCRNAFRLKSHLIRHQRTHTGEKPYECNDCGKSF RQKTTLS
 LHQRIHTGEKPYICKECGKSFHQKANLTVHQRTHTGEKPYICNECGKSF SQKTTLALHEKTHNEEKPYIC
 SECGKSF RQKTTLV AHQRTHTGEKSYECPHCGKAFRMSY LIDHHRTHTGEKPYECNECGKSF SQKTNLN
 LHQRIHTGEKPYVCNECGKSF RQKATLTVHQKIHTGQKSYECPQCGKAF SRKSYL IHHQRTHTGEKPYKC
 SECGKCFRQKTNLIVHQRTHTGEKPYVCNECGKSF SYKRNLI VHQRTHKGENIEMQ

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_152603

ORF Size: 1848 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_152603.2](#), [NP_689816.2](#)

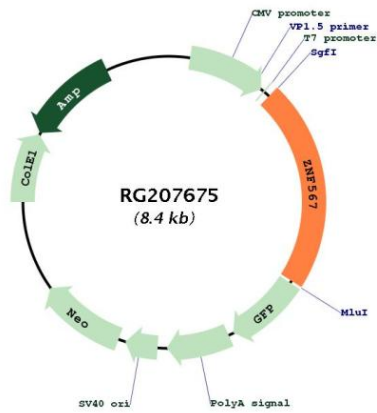
RefSeq Size: 2702 bp

RefSeq ORF: 1851 bp

Locus ID: 163081

UniProt ID: [Q8N184](#)
 Cytogenetics: 19q13.12
 Domains: zf-C2H2
 Protein Families: Transcription Factors
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG207675