

Product datasheet for **RG209715**

ZNF565 (NM_152477) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF565 (NM_152477) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF565
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG209715 representing NM_152477
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCCCAGGGACTGGTGACATTCAGGGACGTGGCCATAGAGTTCTCTCTGGAAGATGGAAGTGCCTGG
 AACCTGCTCAGAGGGACTTGTACAGGGAGGTGACTCTGGAGAAGCTTTGGTCACTTGGCCTCACTAGGACT
 CTCCATTTCTAAGCCTGATGTCGCTCCTTATTGGAGCAAGGAAAGAGCCCTGGATGATTGCAAATGAT
 GTGACAGGACCATGGTGCCAGACTTGGAGTCCAGGTGTGAGAAATTTCTACAAAAGACATTTTTGAAA
 TCGGGGCACTCACTGGGAGATAATGGAAGCCTTAAATGCAGTGACCTGGAGGGCTCCGATTTAGAGC
 TGACTGGGAATGCGAAGGCCAGTTTGGAGAGACAAGTCAATGAAGAGTGCTATTTAAGCAAGTGAACGTC
 ACCTATGGACATATGCCCGTGTCCAGCATCACACGTCTCACACTGTACGTCAGAGCAGGGAGACTGGT
 AGAACTGATGGAATGTCATGAATGTGGAAAGCATTAGCCGTGGCTCACACCTTATTCAACATCAGAA
 AACTCACACTGGTAAAAACCTTTGGATGTAAGGAATGTGGAAAGGCCCTCAGCCGTGCCTCACACCTT
 GTTCAGCATCAGAGAATTCACACGGGTGAGAAACCTTATGACTGTAAAGACTGTGGGAAGGCCTTTGGTC
 GTACATCAGAAGTATTCTACATCAGAGACTTCACTGGTGTCAAACCTTATGAATGTAAGAATGTGG
 GAAGACCTTTAGGCAGCATTACAGCTGATTCTGCATCAAAGAAGTACACAGGGCAGAAACCTACGTA
 TGTAAGACTGTGGCAAGGCTTTCATTCGTGGCTCCCAACTCACTGTGCATCGGAGAATCCACACAGGGG
 CCAGACCTATGAGTGTAAAGAATGCGGGAAAGCCTTTAGACAGCACTCACAGCTGACTGTACACCAGCG
 AATCCACACTGGTGAAGAACCTACGAGTGTAAAGGAATGCGGAAAGGCCTTATTACAGCTCAGAAGTT
 ACTCGACATCAAAGAATTCATTCGGGGAGAAACCTATGAGTGTAAAGGAATGTGGGAAGGCCTTCAGAC
 AGCAGCACAGCTCACACGACATCAGAGAGTCCATACTGGCAGCAGACCCTATGAATGTAAGGACTCGCG
 GAAGGCATTTAGTCGTAGCTCATACCTCAATCAACATCAAAGAATTCATACAGGTGACAAACCTACGAA
 TGTAAGGAATGTGGGAAGGCCTTATTCTGTGTTTCACAACTGACTCATCATCAGCGAATTCACACTGTG
 AGAAACCTATGAATGCAGGGAGTGTGGAATGGCCTTATTCTGATGTTCACAACTACCGAACATCAGAG
 AATTCATCCTGGTATCAAACCTACGAATGTAGAGAGTGTGGCAGGCATTTATTCTGGCTCACAACCT
 ATTGAACACTACAGAATTCATACTGGT

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence:

>RG209715 representing NM_152477
 Red=Cloning site Green=Tags(s)

MAQGLVTFRDVAIEFSLEEWKCLEPAQRDLYREVTLENFGHLASLGLSISKPDVVSLLLEQGKEPWMIAND
 VTGPWCPDLESRCEKFLQKDIIFEIGAFNWEIMESLKCSDLEGSDFRADWECEGQFERQVNEECYFKQVNV
 TYGHMPVFQHHTSHTVRSRETGEKLMCEHECGKAFSRGSHLIQHKTHTGEKPFCKEKGKAFSRASHL
 VQHRIHTGEKPYDCKDCGKAFGRITSELILHQLRHTGVKPYECKEKGKTFRQHSQILHQRHTHTGEKPYV
 CKDCGKAFIRGSQLTVHRRITHTGARPYECKEKGKAFRQHSQILVHQRHTHTGEKPYECKEKGKFIHSSEV
 TRHQRHISGEKPYECKEKGKAFRQHAQLTRHQRVHTGDRPYECKDCGKAFSRSSYLIIHQRIHTGDKPYE
 CKECKAFIRVSQLTHHQRHTHTCEKPYECRECGMAFIRSSQLTEHQRHHPGKIPYECRECGQAFILGSQL
 IEHYRIHTG

TRTRPLE - GFP Tag - V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_152477

ORF Size: 1497 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_152477.2](#), [NP_689690.2](#)

RefSeq Size: 1796 bp

RefSeq ORF: 1500 bp

Locus ID: 147929

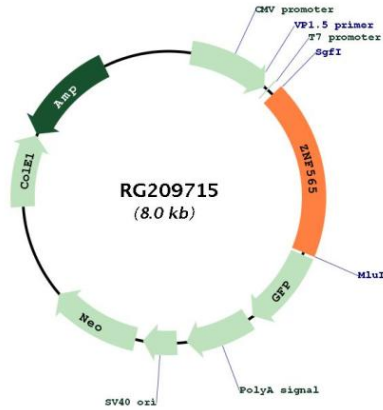
UniProt ID: [Q8N9K5](#)

Cytogenetics: 19q13.12

Protein Families: Transcription Factors

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

Product images:



Circular map for RG209715