

Product datasheet for **RG239110**

ZNF595 (NM_001286052) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF595 (NM_001286052) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF595
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG239110 representing NM_001286052.
 Blue=ORF Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
 GATCCGGTACCGAGGAGATCTGCCGCC**CGGATCGCC**
 ATGGAAC**TCGTAACATTCAGGGATGTGGCCATAGAATTCTCCCCTGAAGAGTGGAAATGTCTGGACCT**
 GCCCAGCAGAA**TTTGTATAGAGATGTGATGTTGGAGAACTACAGGAACCTGGTCTCCCTGGCTATATGT**
 TCTCCTTT**CAGCCAAGACCTTTACCAGTGCAGGGGATAGAAGATTCATTCCACAAACTATACTGAAA**
 AGATACGAGAAATGTGGACATGAGAATTTACAATTAAGAAAAGGCTGTAACCGTGTGAATGAGTGTAA**G**
 GTGCAGAAAGGAGTTAATAATGGAGTTTACCAGTCTTGTCAACTACCCAGAGCAAAATATTTCAATGT
 AATACATGTGTTAAAGTTTTTAGTAAATTTCAAATTCAAACAAACATAAGATAAGACATACTGGAGAG
 AAACCTTTAAATGTACAGAATGTGGCAGATCGTTTTACATGTCACACCTAACTCAACATACAGGAAT
 CATGCTGGAGAGAAACCTACAATGTGAAAAATGTGGCAAAGCCTTTAATAGGTCCACATCACTTAGT
 AAACATAAGAGAATTCATACTGGAGAGAAACCTACACATGTGAAGAATGTGGCAAAGCCTTTAGACGG
 TCCACAGTTCTGAACGAACATAAGAAAATTCATACTGGAGAGAAACCTACAATGTGAAGAATGTGGC
 AAAGCCTTTACAAGTCCACAACACTGAATGAACACAAGAAAATTCATACTGGAGAGAAACCTACAAA
 TGTAAGAATGTGGCAAAGCCTTTAGATGGTCCACAAGCCTGAATGAACATAAGAATATTCATACTGGA
 GAGAAACCTACAATGTAAAGAATGTGGCAAAGCCTTTAGACAGTCCAGGAGCCTGAATGAACATAAA
 AATATTCATACTGGCGAAAAACCTACACATGTGAAAAATGTGGCAAAGCCTTTAAACCAATCCTCAAGT
 CTTATTACACAGGAGCATTCTTCTGAACAAAACTTTACAAATGTGAAGAATGTGGCAAAGCCTTT
 ACTTGGTCCTCATCCCTAATAAACATAAGAGAATTCATACTGGAGAGAAACCTACACATGTGAAGAA
 TGTGGCAAAGCCTTTTATAGTCTCACACCTTGCTAAACATAAGAGAATTCATACTGGAGAGAAACCC
 TACACGTGCGAAGAATGTGGCAAAGCCTTTAAACCAATCCTCAACTCTTATATTACACAAGAGAATCCAT
 TCTGGGCAAAAACCTTACAATGTGAAGAATGTGGCAAAGCCTTTACACGGTCCACAACACTGAACGAA
 CATAAGAAAATTCATACTGGCGAGAAACCTACAATGTGAAGAATGTGGCAAAGCCTTTATATGGTCC
 GCAAGCCTGAATGAACATAAGAATATTCATACTGGAGAGAAACCTACAATGTAAAGAATGTGGCAAA
 GCTTTAAACCAATCCTCAGGCCTTATTACACAGGAGCATTCTTCTGAACAAAACTTTACAATGT
 GAAGAATGTGGCAAAGCCTTTACTCGGTCCACAGCCTGAATGAACATAAGAAAATTCATTCTGGAGAG
 AAACCTACAATGCAAAGAATGTGGCAAAGCCTATAACTATCCTCAACCTTACTAAACATAAGAGA
 ATTCATACTGGAGAGAAACCTTACATGTGAAGAATGTGGCAAAGCCTTCAATTGGTCTCATCCCTT
 ACTAAACATAAGATAATTCATACTGGAGAGAAATCCTACAATGTGAAGAATGTGGCAAAGCCTTTAAT
 CGGCCCTCAACCTTACTGTACACAAGCGAATTCATACTGGCAAAGGAACATAGT
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC

Protein Sequence:

>Peptide sequence encoded by RG239110
 Blue=ORF Red=Cloning site Green=Tag(s)

MELVTRFDVAIEFSPEEWKCLDPAQQLYRDVMLENYRNLVSLAICSPFSQDLSPVQGIEDSFHKLILK
 RYEKCGHENLQLRKGCKRVNECKVQKGVNNGVYQCLSTTQSKIFQCNTCVKVFSKFSNSNKHKIRHTGE
 KPFKTECGRSFYMSHLTQHTGIHAGEKPYKCEKCGKAFNRSTLSKHKRIHTGEKPYTCEECGKAFRR
 STVLNEHKKIHTGEKPYKCEECGKAFTRSTTLNEHKKIHTGEKPYKCEKCGKAFRWSLNEHKNHTG
 EKPYKCEKCGKAFRQSRSLNEHKNHTGEKPYTCEKCGKAFNQSSSLIIHRSIHSEQKLYKCEECGKAF
 TWSSSLNKHKRIHTGEKPYTCEECGKAFYRSSHAKHKRIHTGEKPYTCEECGKAFNQSSSLILHKRIH
 SGQKPYKCEECGKAFTRSTTLNEHKKIHTGEKPYKCEECGKAFIWSASLNEHKNHTGEKPYKCEKCGK
 AFNQSSSLIIHRSIHSEQKLYKCEECGKAFTRSTALNEHKKIHSGEKPYKCEKCGKAYNLSSLTKHKR
 IHTGEKPFTEECGKAFNWSSSLTKHKIHTGEKSYKCEECGKAFNRPSTLTVHKRIHTGKEHS
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSGYENPFLHAINNGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSDMHFKSAIHPISILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

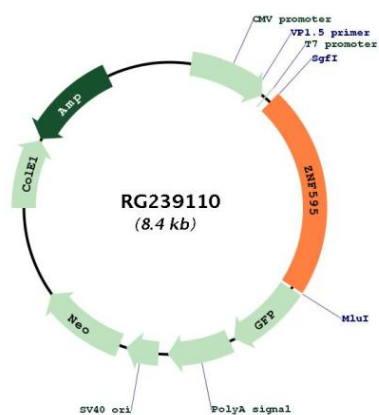
Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


- ACCN:** NM_001286052
- 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).
- RefSeq:** [NM_001286052.1](#), [NP_001272981.1](#)
- RefSeq Size:** 2815 bp
- RefSeq ORF:** 1851 bp
- Locus ID:** 152687
- UniProt ID:** [Q8IYB9](#)
- Cytogenetics:** 4p16.3
- Protein Families:** Transcription Factors
- MW:** 71.3 kDa
- Gene Summary:** This gene encodes a protein belonging to the Cys2His2 zinc finger protein family, whose members function as transcription factors that can regulate a broad variety of developmental and cellular processes. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Oct 2013]

Product images:



Circular map for RG239110