

Product datasheet for **RG234596**

ZNF85 (NM_001256171) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF85 (NM_001256171) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF85
Synonyms:	HPF4; HTF1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG234596 representing NM_001256171
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGACCATTGACATTTAGGGATGTGGCCATAGAATTCTCTCTGAAGGAGTGGCAATGCCTGGACACTG
 CACAGCGGAATTTATATAGAAATGTGATGTTAGAGAACTACAGAAACCTGGTCTTCTGGGTATTACTGT
 TTCTAAGCCAGACCTGATCACTTGTCTGGAGCAAGGAAAGAGGCCTGGAGTATGAAGAGACATGAGATC
 ATGGTGGCCAAACCCACAGGTTGTCTATCAAAAAGAAATGTCGATGAGCTATTGAGAAAGGTGTATATCC
 TGATGTTACTGAGGAGTGTCTCTATGCCTCTGTTAGAATTATGTGTTCTCATTTTGCCCAAGACCTTTG
 GCCGGAGCAGAATATAAAAGATTCTTTCCAAAAGTGACACTGAAAAGATATGGAATGTAGACATGAA
 AATTTACCATTAAAGAAAGGCTGTGAAAGTATGGATGAGTGAAGATGCACAAAGGAGGTGTAAATGGAC
 TTAACCAATGTCTCACAGCTACCCAGAGCAAAATATTTCAATGTGATAAATATGTAAGTGCCTCATAA
 ATTTTCAAATTCAAACAGACATGAGATAAGACATACTAAAAGAAACCTTTCAAATGTACAAAATGTGGC
 AAATCATTTGGCATGATTTTCATGCCTAACTGAACATAGCAGAATTCATACTAGAGTAAATTTCTACAAAT
 GTGAAGAATGTGGAAGCCCTTAACTGGTCTCAACCTTACTAAACATAAGAGAATTCATACGGGAGA
 GAAACCTTACAAATGTGAAGAATGTGGTAAAGCCTTAAACAGTCCTCAAACCTTATTAACATAAGAAA
 ATTCATACTGGAGAGAAACCTACAAATGTGAAGAATGTGGCAAAACCTTTAACCAGTCTCAACTCTTA
 CTACCCATAAGATAATTCATACTGGAGAGAAACCTACAAATGTAAGAATGTGGTAAAGCTTTTAACCG
 ATCTTCAACCTTACTACCCATAGAAAATTCATACTGGAGAGAAACCTTACAAATGTGAAGAATGTGGC
 AAAGCCTTTAAGCAGTCCTCAAACCTTACTACACATAAGATAATTCATACTGGAGAGAAACCTACAAAT
 GTAAAAAATGTGGAAGCCTTTAACCAGTCTGCACACCTTACCACACATGAGGTAAATTCATACTGGAGA
 GAAACCTTACAAATGTGAAAAATGTGGAAGCCTTTAATCATTTCTCACACCTTACTACACATAAGATA
 ATTCATACTGGAGAGAAACCTTACAAATGTAAAGAATGTGGTAAAGCTTTTAAACACTCTTCAACCTTA
 CTAAACATAAGATAATTCATACTGGAGAGAAAGCCTTACAAATGTAAGAATGTGAAAAAGCTTTTAACCA
 ATCCTCAAACCTTACTGAACATAAGAAAATTCATACTGGAGAGAAACCTATGAATGTGAAAAATGTGGC
 AAAGCTTTTAACCAGTCCTCAAATCTTACTAGACATAAGAAAAGTCATACAGAAGAGAAACCTTACAAAT
 GTGAAGAATGTGGCAAAGGTTTTAAATGGCCCTCAACCTTACTATCCATAAGATAATTCATACTGGAGA
 GAAACCATACAAATGTGAAGAATGTGGCAAAGCTTTTAACCAATCCTCAAACCTTACCAACATAAGAAA
 ATTCATACTGGAGAGAAACCTACACATGTGAAGAATGTGGCAAAGCCTTTAACCAGTCCTCAAACCTTA
 CTAAACATAAGAGAATTCATACTGGAGAGAAACCTTACAAATGTGAAGAATGTGACAAAGCTTTTAAATG
 GTCCTCAGTCCTTACTAAACATAAGATAATTCATACCGAGAGAAAATTACAAATA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG234596 representing NM_001256171
 Red=Cloning site Green=Tags(s)

MGPLTFRDVAIEFSLKEWQCLDTAQRNL YRNVMLENYRNLVFLGITVSKPDLITCLEQGKEAWSMKRHEI
 MVAKPTGCLSKRMSYELLRKVYILMLLRSVLYASVRIMCSHFAQDLWPEQNIKDSFQKVTLLKRYGKCRHE
 NLPLRKGCESMDECKMHKGCGNGLNQCLTATQSKIFQCDKYVKVAHKFSNSNRHEIRHTKKKPKCTKCG
 KSFGMISCLTEHSRIHTRVNFYKCEECGKAFNWSSTLTTHKRIHTGEKPYKCEECGKAFNQSSNL IKHKK
 IHTGEKPYKCEECGKTFNRFSTLTTHKIIHTGEKPYKCKCGKAFNQSAHLTTHEVIHTGEKPYKCECGKAFNHFSHLTTHKI
 IHTGEKPYKCKCGKAFKHSSTLTTHKIIHTGEKPYKCKECAFNQSSKLTEHKKIHTGEKPYECEKCG
 KAFNQSSNLTRHKKSHTEEPYKCEECGKGFKWPSTLTTHKIIHTGEKPYKCEECGKAFNQSSKLTKHKK
 IHTGEKPYTCEECGKAFNQSSNLTKHKRIHTGEKPYKCEECDAKFWSSVLTTHKIIHTGEKLQI

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001256171

ORF Size: 1875 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_001256171.1](#), [NP_001243100.1](#)

RefSeq Size: 2435 bp

RefSeq ORF: 1878 bp

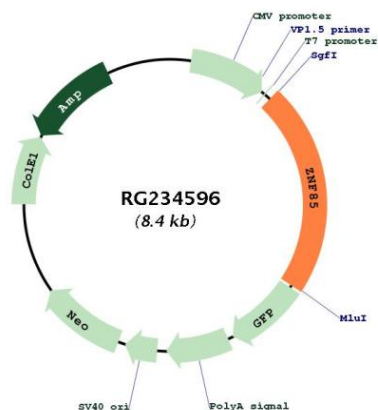
Locus ID: 7639

Cytogenetics: 19p12

Protein Families: Druggable Genome, Transcription Factors

Gene Summary: May be a transcriptional repressor.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG234596