

Product datasheet for **RG239008**

ZNF285 (NM_001291489) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | ZNF285 (NM_001291489) Human Tagged ORF Clone |
| Tag: | TurboGFP |
| Symbol: | ZNF285 |
| Synonyms: | ZNF285A |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-AC-GFP (PS100010) |
| E. coli Selection: | Ampicillin (100 ug/mL) |



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ORF Nucleotide Sequence:

>RG239008 representing NM_001291489.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTAGTGAACCGTCAGAATTTTGAATACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGATTAAGTTCAGGAAAGGGTGACATTCAAGGATGTGGCTGTTGTCTTACCAAGGAAGAGCTGGCA
CTATTGGATAAAGCCAGATAAACCTGTACCAAGATGTGATGCTGGAAAACCTTCAGGAACCTCATGTTA
GTGAGAGACGGGATTAACAACAACATTTTGAATCTTCAGGCAAAGGGTTAAGTTACCTTTGCAAGAA
GTGCTTATTGCTGGCAGATTTGAAAACAAGGATCCGGGATTTAACTGTGAGTCAGGATTATATCGTG
AACCTTCAAGAAGAGTGTCCCCACATTTAGAAGATGTTCCCTCAGTGAAGAGTGGCAGGCATTTCT
CTTCAGATTTCTGAAAATGAAAACATGTAGTAAATGCCATTATCAAAAATCAAGATATCACAGCATGG
CAAAGCCTGACACAGGTTCTTACCCAGAATCGTGAGGAAAGCCAACATAATGACCGAGCCCCAGAAC
TCTCAGGAAGATATAAGGGAATTTACATGGAAGAGAAATGTACAGACGTGCTCAGCATGATGACAGC
CTCAGTTGGACCTCATGTATCATGAGTCCCAAGAATGTAAGGAGAGGACCCTGGTAGACATCCC
AGCTGTGGGAAAACCTGGGTATGAAATCAACGGTTGAAAACGTAATGCGGCCCATGTATTACCACAG
CCTTTCCCATGTAATAACTGTGGGGTGGCCTTTGCAGATGATACAGATCCTCATGTCCATCACAGCACT
CACCTAGGAGAAAATCTTATAAATGTGACCAGTATGGAAGAACCTTTAGTCAGAGCCAAGATCTTATC
GTTCAATTGAAAACCTCACTCTGGCAAGACTCCCTATGAATCCACGAATGGCCTATGGGCTGCAACAG
AGCTCAGACCTTCCAGATATCAGAAAGTCTCCTCAGGAGACAAACCTACAAATGTAAGAAGTGTGGC
AAGGGCTTCAGGCGCAGCTTCCCTTCCACAACCATCATCGAGTCCACACAGGGGAGATGCCCTACAAA
TGCGATGAATGTGGAAAGGGTTGGATTTAGGTCACCTCTTTGTATTATCAGGGAGTACACACAGGG
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AGATCCACACTGGAGAGAAGCCCTACAAATGCAGTGTGGCAAGTGTCTTATGTTCAAGCTCCGTT
CTTCAAGTCCACTGGAGTTTACACAGGGGAGAAACCATATAGGTGTGGTGTGAGTGTGAAAGGGCTTC
AGCCAATGTACACACCTTACATTCACCAGAGAGTCCACACAGGGGAGAAACCATACAAATGCAATGTG
TGTGAAAGGATTTGCGTATAGCTCTGTTCTTACACTCATCAGAGAGTTCACACTGGAGAAAAACCA
TATAAATGTGAAGTGTGTGAAAGTGTTCAGTTACAGTTCATATTTTCACTTACATCAAAGAGATCAC
ATCAGAGAGAAACCATATAAATGTGATGAGTGTGGTAAAGGCTTCAGCCGGAATTCAGATCTAATGTT
CACCTCAGAGTCCACACAGGAGAGAGGCCCTATAAGTGTAAAGCATGTGGTAAAGGCTTCAGTCGTAAT
TCATACCTCCTTGCCCATCAGAGAGTGCATATAGATGAGACACAGTACACACACTGTGAGCGTGGAAAG
GACCTTCTGACTCATCAAAGACTACATGAGCAGAGAGAAACATTA
ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAAAC
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Protein Sequence:

>Peptide sequence encoded by RG239008
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MIKFQERVTFKDVAVVFKEELALLDKAQINLYQDVMLNFRNMLVRDGIKNNILNLQAKGLSYLSQE
VLHCWQIWKQRIRDLTVSQDYIVNLQEESPHELDVSLSEEWAGISLQISENENYVNAIKNQDITAW
QSLTQVLTPESWRKANIMTEPQNSQGRYKGIYMEEKLYRRAQHDDSLSWTSCDHESQECKGEDPGRHP
SCGKNLGMKSTVEKRNAAHVLPQFPNCNCGVAFADDTDPHVHSTHLGEKSYKCDQYGNFSSQSDLI
VHCKTHSGKTPYEFHEWPMGCKQSSDLPRYQKVSSGDKPYKCEKCGKFRSSSLHNHHRVHTGEMPYK
CDECGKGFGRSLLCIHQGVHTGKPKYKCECGKGFQSSNLLVHQRVHTGEKPYKCNVCGKDFAYSSVLHHTQRVHTGEK
LQVHWRVHTGEKPYRCGECGKGFQCTHLHIHQRVHTGEKPYKCNVCGKDFAYSSVLHHTQRVHTGEK
YKCEVCGKCFYSYFHLHQRDHIREKPYKCECGKGFSRNSDLNVHLRVHTGERPYKCKACGKGF SRN
SYLLAHQRVHIDETQYTHCERGDLLTHQRLHEQRETL
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001291489

ORF Size: 1770 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_001291489.2](#)

RefSeq Size: 2794 bp

RefSeq ORF: 1773 bp

Locus ID: 26974

UniProt ID: [Q96NJ3](#)

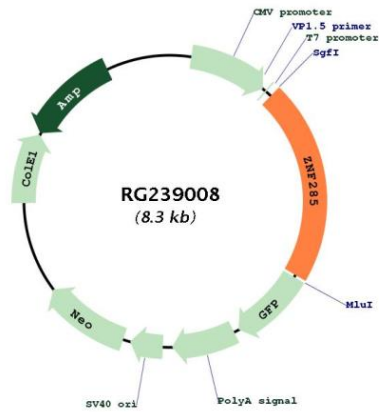
Cytogenetics: 19q13.31

Protein Families: Transcription Factors

MW: 68.6 kDa

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

Product images:



Circular map for RG239008