

Product datasheet for **RG239038**

ZNF285 (NM_001291488) Human Tagged ORF Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | ZNF285 (NM_001291488) 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:

>RG239038 representing NM_001291488.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGATTAAGTTCAGATTCAAGGGATACATGTGCAGGAAAGGGTGACATTCAAGGATGTGGCTGTTGTC
TTCACCAAGGAAGAGCTGGCACTATTGGATAAAGCCAGATAAACCTGTACCAAGATGTGATGCTGGAA
AACTTCAGGAACCTCATGTTAGTGAGAGACGGGATTAATAACAACATTTTGAATCTTCAGGCAAAGGGG
TTAAGTTACCTTCGCAAGAAGTCTTCATTGCTGGCAGATTTGAAACAAGGATCCGGGATTTAACT
GTGAGTCAGGATTATATCGTGAACCTTCAAGAAGAGTGTCCCCACATTTAGAAGATGTTCCCTCAGT
GAAGAGTGGCAGGCATTTCTTCAGATTTCTGAAAAAGAACTATGTAGTAAATGCCATTATCAAAA
AATCAAGATATCACAGCATGGCAAAGCCTGACACAGGTTCTTACCCAGAATCGTGGAGGAAAGCCAAC
ATAATGACCGAGCCCAGAACTCTCAGGGAAGATAAAGGGAATTTACATGGAAGAGAAATGTACAGA
CGTGCTCAGCATGATGACAGCCTCAGTTGGACCTCATGTGATCATCATGAGTCCCAAGAATGTAAGGA
GAGGACCTGGTAGACATCCCAGCTGTGGAAAAAAGTTGGGTATGAAATCAACGTTGAAAAACGTAAT
GCGGCCATGTATTACCACAGCCTTCCCATGTAATAACTGTGGGGTGGCCTTTCAGATGATACAGAT
CCTCATGTCCATCACAGCACTACCTAGGAGAAAAATCTTATAAATGTGACCAGTATGAAAGAAGCTTT
AGTCAGAGCCAAGATCTTATCGTTCATTGTAAACTCACTCTGGCAAGACTCCCTATGAATTCACGAA
TGGCCTATGGGCTGCAAACAGAGCTCAGACCTTCCAGATATCAGAAAAGTCTCCTCAGGAGACAAACCC
TACAAATGTAAGAATGTGGCAAGGGCTTCAGGCGCAGCTCTCCCTTCAACAACCATCATCGAGTCCAC
ACAGGGGAGATGCCCTACAAATGCGATGAATGTGGAAAGGGTTGGATTTAGGTCACTTCTTTGTATT
CATCAGGGAGTACACACAGGAAAAAGCCCTATAAATGTGAAGAGTGTGGAAAGGGCTTTGATCAGAGC
TCCAACCTTCTTGTCCATCAGAGAGTCCACACTGGAGAGAAAGCCCTACAAATGCAGTGTGGCAAG
TGCTTTAGTTCAAGTCCGTTCTTCAAGTCCACTGGAGGTTTACACAGGGGAGAAACCATATAGGTGT
GGTGAGTGTGAAAGGGCTTCAGCCAATGTACACACCTTACATTCACAGAGAGTCCACACAGGGGAG
AAACCATACAAATGCAATGTGTGTGAAAGGATTTGCGTATAGCTCTGTTCTTCACTCATCAGAGA
GTTCACTGGAGAAAAACCATATAAATGTGAAGTGTGTGAAAGTGTTCAGTTACAGTTTCAATTTT
CACTTACATCAAAGAGATCACATCAGAGAGAAACCATATAAATGTGATGAGTGTGGTAAAGGCTTCAGC
CGGAATTCAGATCTTAATGTTACCTCAGAGTCCACACAGGAGAGAGGCCCTATAAGTGAAGGCATGT
GGTAAGGGCTTCAGTCGTAATTCATACCTCTTCCCATCAGAGAGTGCATATAGATGAGACACAGTAC
ACACACTGTGAGCGTGGAAAGGACCTTCTGACTCATCAAAGACTACATGAGCAGAGAGAAACATTA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence:

>Peptide sequence encoded by RG239038
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MIKFQIQIIVQERVTFKDVAVVFTKEELALLDKAQINLYQDVMLNFRNMLVRDGIKNNILNLQAKG
LSYLSQEVLHCWQIWKQIRDLTVSQDIYVNLQECCSPHLEDVSLSEEWAGISLQISENENYVNAI IK
NQDITAWQSLTQVLTPESWRKANIMTEPQNSQGRYKGIYMEEKLYRRAQHDDSLSWTSCDHHSQECKG
EDPGRHPSCGKNLGMKSTVEKRNAHVLPQPFPCNCGVAFADDDPHVHHSTHLGEKSYKCDQYGNF
SQSQDLIVHCKTHSGKTPYEFHEWPMGCKQSSDLPRYQKVSSGDKPKCKEKGFRSSSLHNNHRVH
TGEMPYKDECGKGFGRSLLCIHQGVHTGKKPKYKCECGKGFQSSNLLVHQRVHTGEKPYKCECGK
CFSSSSVLQVHWRFHTEKPYRCGECGKGFSCQTHLHIHQRVHTGEKPYKCNVCGKDFAYSSVLHTRQ
VHTGEKPYKCEVCGKCFSSSYFHLHQRDHIREKPYKDECGKGF SRNSDLNVHLRVHTGERPYKCKAC
GKGF SRNSYLLAHQRVHIDETQYTHCERKDLLTHQRLHEQRETL
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

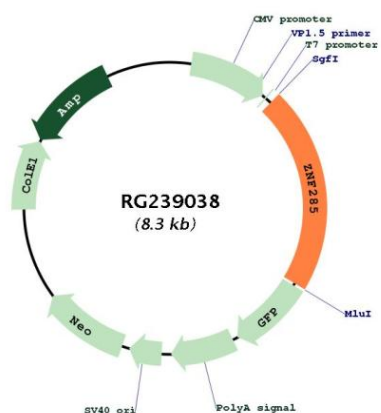
Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


- ACCN:** NM_001291488
- ORF Size:** 1791 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_001291488.2](#)
- RefSeq Size:** 2724 bp
- RefSeq ORF:** 1794 bp
- Locus ID:** 26974
- UniProt ID:** [Q96NJ3](#)
- Cytogenetics:** 19q13.31
- Protein Families:** Transcription Factors
- MW:** 69.4 kDa
- Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG239038