

Product datasheet for **RG238223**

ZNF285 (NM_001291491) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF285 (NM_001291491) 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)
ORF Nucleotide Sequence:	>RG238223 representing NM_001291491. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGACCGAGCCCCAGAACTCTCAGGGAAGATATAAGGGAATTTACATGGAAGAGAAATTGTACAGACGT
GCTCAGCATGATGACAGCCTCAGTTGGACCTCATGTGATCATCATGAGTCCCAAGAATGTAAGGAGAG
GACCCTGGTAGACATCCCAGCTGTGGGAAAACTTGGGTATGAAATCAACGGTTGAAAAACGTAATGCG
GCCCATGTATTACCACAGCCTTTCCCATGTAATAACTGTGGGTGGCCTTTGCAGATGATACAGATCCT
CATGTCCATCACAGCACTCACCTAGGAGAAAAATCTTATAAATGTGACCAGTATGGAAGAAGCTTTAGT
CAGAGCCAAGATCTTATCGTTCATTGTAATAACTCACTCTGGCAAGACTCCCTATGAATCCACGAATGG
CCTATGGGCTGCAAACAGAGCTCAGACCTTCCCAGATATCAGAAAGTCTCCTCAGGAGACAAACCTAC
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CAGGGAGTACACACAGGGAAAAAGCCCTATAAATGTGAAGAGTGTGGAAAGGGCTTTGATCAGAGCTCC
AACCTTCTGTCCATCAGAGAGTCCACTGGAGAGAAGCCCTACAAATGCAGTGAGTGTGGCAAGTGC
TTAGTTCAAGCTCCGTTCTTCAAGTCCACTGGAGTTTACACAGGGGAGAAACCATATAGGTGTGGT
GAGTGTGGAAAGGGCTTCAGCCAATGTACACACCTTACATTACCAGAGAGTCCACACAGGGGAGAAA
CCATACAAATGCAATGTGTGGAAAGGATTTTGCATAGCTCTGTTTCCACTCATCAGAGAGTT
CACACTGGAGAAAAACCATATAAATGTGAAGTGTGGAAAGTGTTCAGTTACAGTTTCATATTTTAC
TTACATCAAAGAGATCACATCAGAGAGAAACCATATAAATGTGATGAGTGTGGTAAAGGCTTCAGCCGG
AATTCAGATCTTAATGTTACCTCAGAGTCCACACAGGAGAGAGGCCCTATAAGTGAAGGCATGTGGT
AAGGGCTTCAGTCGTAATTCATACCTCCTTGCCCATCAGAGAGTGCATATAGATGAGACACAGTACACA
CACTGTGAGCGTGGAAAGGACCTTCTGACTCATCAAAGACTACATGAGCAGAGAGAAACATTA
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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Protein Sequence: >Peptide sequence encoded by RG238223
 Blue=ORF Red=Cloning site Green=Tag(s)

MTEPQNSQGRYKGIYMEEKLYRRAQHDDSLSWTSCDHHESEQECKGEDPGRHPSCGKNLGMKSTVEKRNA
 AHVLPQPFPCNNCGVAFADDDPHVHHSHTLGEKSYKCDQYGNFSQSQDLIVHCKTHSGKTPYEFHEW
 PMGCKQSSDLPRYQKVSSGDKPYKCKEKGKGFRRSSSLHNHHRVHTGEMPYKCECKGKGFGRSLLCIH
 QGVHTGKKPKYKCECKGKGFQSSNLLVHQRVHTGEKPYKCECKGKCFSSSVLQVHWRVHTGEKPYRCG
 ECGKGFSSQCTHLHHRVHTGEKPYKCNVCGKDFAYSSVLHHRVHTGEKPYKCEVCGKCFSSSYFHH
 LHRDHIREKPYKCECKGKGFRRNSDLNVHLRVHTGERPYKCKACGKGFRRSYLLAHQRVHIDETQYT
 HCERGDLLTHQRLHEQRETL
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001291491

ORF Size: 1305 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](#)

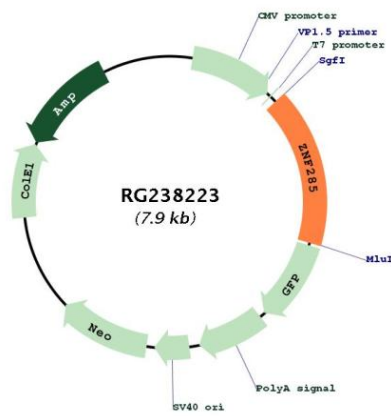
OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_001291491.2](#)

RefSeq Size: 2576 bp
 RefSeq ORF: 1308 bp
 Locus ID: 26974
 UniProt ID: [Q96NJ3](#)
 Cytogenetics: 19q13.31
 Protein Families: Transcription Factors
 MW: 50 kDa
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG238223