

Product datasheet for **RG238914**

ZNF286 (ZNF286A) (NM_001288642) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF286 (ZNF286A) (NM_001288642) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF286
Synonyms:	ZNF286
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG238914 representing NM_001288642.
 Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGGAGAGCCCAGGAGGGAAGGCAGGAAGTGGGACCAGGAGCCCGGGGGCTTCTAACTCGTCTGGC
CAGGGAGATCTGAATTGGGGTGAAGAGCAGAATCTCCAGAACAAGGAGGAGGTGGTATCATGGAGACA
GATTTGGCTGAAATGCCTGAGAAAAGGAGCTCTGTCTTCCAGGATTCTCCCATTTCCAAGAGAAGAGC
ACAGAAGAGGGAGAAGTGGCTGCTCTGCGCCTCACGGCCAGATCCAGGAAAACAGTGACATTCAAGGAT
GTGGCCATGGACTTTACACCAGAGGAGTGGGGGAAGCTGGATCCTGCACAAAGGGATGTGATGCTGGAG
AACTATAGGAACCTAGTCTCACTTTGGCTTCCAGTTTCAAACCTGAGAGCTACAACCTGGAGAATGGA
AAAGAACCATTGAAGCTTGAGAGAAAAGCCCCAAAAGCAGCTATTAGACATGGAGACTAGACCACAG
AGCAAGGATTCAACTTCAGTCAAGATTTTCAAAGCAGAATCATGCAAAGTTGCAATAATAGACAGA
CTGACACGGAATAGTGTCTATGACTCTAACTTGAAGCAGCCCTTGAATGTGAAAATTGGTTAGAGAAT
CAGCAAGGAAATCAGGAGAGACATTTGAGAGAAATGTTCACTCACATGAATTCACCTCTGAGGAAACA
GACCATAAGCATGATGTATACTGAAAAGCTTCAATCAGAAATCTGTCTTATCACTGAAGACAGAGTT
CCCAAAGGATCTTATGCCTTCCATACACTTGAAAAAGCTTGAACAAAAATCAAACCTAATGAAAAAG
CAGAGAACTTATAAGAGAAAAACCTCATAAATGTAATGATTGTGGTGAACCTTACCTACCATTCA
GTGCTTATTCGACACCAGAGAGTCCATACTGGAGAGAAACCTATACCTGCAATGAATGTGGGAAATCT
TTAGCCACAGAGCTAATTTAACTAAACACCAGAGAACTCATACTAGAATTCTCTTTGAATGCAGTGAA
TGCAAGAAAACCTTACAGAAAGCTCATCCCTTGAACACATCAGAGAATTCACGTTGGAGAGAGACCT
TATGAATGCAATGAATGTGGGAAAGTTTTAATCGAAGTACACATCTTGTGCAGCATCAGTTGATTAT
ACTGGAGTGAAGCCTTATGAATGTAATGAATGTGATAAAGCTTTTATTCATTATCAGCAGCTATAAA
CATCAAAGAACTCATACTGGAGAGAAACCTTATAAATGTCAAGAATGTGGGAAAGCCTTTAGCCATTGC
TCATCCCTAACTAAGCATCAGAGAGTTCATACTGGAGAAAAGCCATATGAATGCAGTGAATGTGGAAAA
ACTTTTAGTCAGAGCACACATCTTGTTCACATCAGAGAAATTCACACTGGAGAGAAAACCTATGAGTGT
AATGAATGTGGGAAAACCTTACGCCGAGCTCCAATTTTGTAAACATCAAAGAATTCATATTGGAAAG
AAACCGTACAAATGTAGCGAGTGTGAAAAGCCTTCACTTATTCATCAGCTCTCATTCAACATCAGAGA
ACTCATAACCGGAGAGAAAACCTTATAGTGAATGAGTGTGGGAAAAGCTTAAAGTGCAGTTCATCTCTC
ATCAGACATCAAAGATTCACACTGAAGAGCAACCC
ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAAAC
```

Protein Sequence:

>Peptide sequence encoded by RG238914
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MGEPRREGKRWDEARGASNSSQGDNLNWGEEQNLQNKEEVIMETDLAEMPEKALSSQDSPHFQEK
TEEGEVAALRLTARSQETVTFKDVAMDFPPEEWGKLDPAQRDVMLNENYRNLVSLWLPVSKPESYNLENG
KEPLKLERKAPKSSYSDMETRPQSKDSTSVQDFSKAESCKVAIIDRLTRNSVYDSNLEAALECEWLEN
QQGNQERHLREMFTHMNSLSEETHDKHDVYKSFNQKSVLITEDRVPKGSYAFHTLEKSLKQKSNLMMK
QRTYKEKPKPHKCNDGELFTYHSLIRHQRVHTGKPYTCNECGKSFHRANLTKHQRTHTRILFECSE
CKKTFTESSLATHQRIHVGERPYECNECGKGFNRSTHLVQHQLIHTGVKPYECNECDKAFIHSSALIK
HQRTHTGKPYKQCEGKAFSHCSSLTKHQRVHTGKPYECSECGKTFQSSTHLVQHQRHTGKPYEC
NECGKTFSRSSNFAKHQRIHIGKPKYKSECGKAFIHSSALIQHQRTHTGKPFRCNECGKSFKCSSL
IRHQRVHTEEQP
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPGSYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIIRSNAIVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVDSDMHMFKSAIHPSILQNGGPMFA
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```

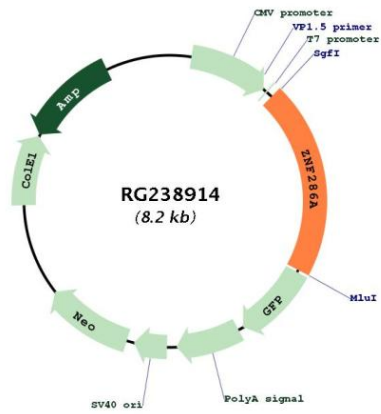
Restriction Sites:

SgfI-MluI

Cloning Scheme:


- ACCN:** NM_001288642
- ORF Size:** 1692 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_001288642.2](#)
- RefSeq Size:** 5399 bp
- RefSeq ORF:** 1695 bp
- Locus ID:** 57335
- UniProt ID:** [Q9HBT8](#)
- Cytogenetics:** 17p12
- Protein Families:** Transcription Factors
- MW:** 65.5 kDa
- Gene Summary:** May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG238914