

Product datasheet for **RG238530**

ZNF286 (ZNF286A) (NM_001288644) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF286 (ZNF286A) (NM_001288644) 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:

>RG238530 representing NM_001288644.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGCGCGACTCCGAGCTGGCCAAAGAAGTTCGTCCCCTTTGTGAGCCCCGGGATGGGAGCTCTGTCTTC
CCAGGATTCCTCCCAATTTCCAAGAGAAGAGCACAGAAGAGGGAGAAGTGGCTGCTCTGCGCCTCACGGC
CAGATCCCAAGGGCTTCCAGTTTCCAACCTGAGAGCTACAACCTGGAGAATGAAAAAGAACCATTGAAG
CTTGAGAGAAAAGCCCCAAAAGCAGCTATTGAGACATGGAGACTAGACCACAGAGCAAGGATTCAACT
TCAGTGAAGATTTTTCCAAGCAGAATCATGCAAAGTTGCAATAATAGACAGACTGACACGGAATAGT
GTCTATGACTCTAACTTGAAGCAGCCCTTGAATGTGAAAATTGGTTAGAGAATCAGCAAGGAAATCAG
GAGAGACATTTGAGAGAAATGTTCACTCACATGAATTCCTCTGAGGAAACAGACCATAAGCATGAT
GTATACTGAAAAGCTTCAATCAGAAATCTGCTTATCACTGAAGACAGAGTCCCAAAGGATCTTAT
GCCTTCCATACACTTAAAAAGCTTGAACAAAAATCAAACCTAATGAAAAAGCAGAGAACTTAAAA
GAGAAAAAACCTCATAAATGTAATGATTGTGGTGAACCTTACCTACCATTGAGTCTTATTCGACAC
CAGAGAGTCCATACTGGAGAGAAACCTATACCTGCAATGAATGTGGAAATCTTTTAGCCACAGAGCT
AATTTAACTAAACACCAGAGAACTCATACTAGAATTCTCTTTGAATGCAGTGAATGCAAGAAAACCTTC
ACAGAAAGCTCATCCCTTGAACACATCAGAGAATTCACGTTGGAGAGAGACCTTATGAATGCAATGAA
TGTGGGAAAGTTTTAATCGAAGTACACATCTTGTGCAGCATCAGTTGATTCATACTGGAGTGAAGCCT
TATGAATGTAATGAATGTGATAAAGCTTTTATTCACTCAGCACTCATTAAACATCAAAGAAGTCAAT
ACTGGAGAGAAACCTTATAAATGTCAAGAATGTGGGAAAGCCTTAGCCATTGCTCATCCCTAACTAAG
CATCAGAGAGTTCATACTGGAGAAAAGCCATATGAATGCAGTGAATGTGGAAAAACTTTTAGTGAGAGC
ACACATCTTGTTCACATCAGAGAATTCACACTGGAGAGAAAACCTATGAGTGAATGAATGTGGGAAA
ACCTTTCAGCCGGAGCTCCAATTTTGTAAACATCAAAGAATTCATTGGAAAGAAACCGTACAAATGT
AGCGAGTGTGAAAAGCCTTCACTCATTGATCAGCTCTCATTCAACATCAGAGAACTCATACCGGAGAG
AAACCTTTAGATGTAATGAGTGTGGGAAAAGCTTAAAGTGCAGTTCATCTCATCAGACATCAAAGA
GTTCACTGAAGAGCAACCC
ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
```

Protein Sequence:

>Peptide sequence encoded by RG238530
 Blue=ORF Red=Cloning site Green=Tag(s)

```
MRDSELAKEVRPLCEARDGSSVFPGFSPFPREEHRRGRSGCSAPHGQIPGLPVSKPESYNLENGKEPLK
LERKAPKSSYSMETRPQSKDSTSVQDFSKAESCKVAIIDRLTRNSVYDSNLEAALEECENWLENQQGNQ
ERHLREMFTHMNSLSEEDHKHDVYWKSFNQKSVLITEDRVPKGSYAFHTLEKSLKQKSNLMKKQRTYK
EKKPHKCNDGELFTYHSLIRHQRVHTGEKPYTCNECGKSFHRANLTKHQRTHTRILFECSECKKTF
TESSSLATHQRIHVGERPYECNECGKGFNRSTHLVQHQLIHTGVKPYECNECDKAFIHSSALIKHQRTH
TGEKPYKCQECGKAFSHCSSLTKHQRVHTGEKPYECSECGKTFSSQSTHLVQHQRITHTGEKPYECNECGK
TFRSSNFQKHQRIHIGKPKYKSECGKAFIHSSALIQHQRHTHTGEKPFRCNECGKSFKCSSSLIRHQ
VHTEEQP
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSGYENPFLHAINNGGYTNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNAIVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


ACCN: NM_001288644

ORF Size: 1470 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_001288644.1](#), [NP_001275573.1](#)

RefSeq Size: 5125 bp

RefSeq ORF: 1230 bp

Locus ID: 57335

UniProt ID: [Q9HBT8](#)

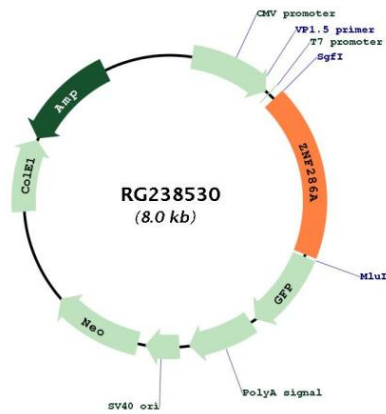
Cytogenetics: 17p12

Protein Families: Transcription Factors

MW: 56.9 kDa

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

Product images:



Circular map for RG238530