

Product datasheet for **RG238647**

ZNF286 (ZNF286A) (NM_001288643) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF286 (ZNF286A) (NM_001288643) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF286A
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:

>RG238647 representing NM_001288643.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGGAGCTCTGTCTTCCAGGATTCTCCCATTTCCAAGAGAAGAGCACAGAAGAGGGAGAAGTGGCT
GCTCTGCCCTCACGGCCAGATCCCAGGAAACAGTGACATTCAAGGATGTGGCCATGGACTTTACACCA
GAGGAGTGGGGGAAGCTGGATCCTGCACAAAGGATGTGATGCTGGAGAACTATAGGAACCTAGTCTCA
CTTTGGCTTCCAGTTTCAAACCTGAGAGCTACAACCTGGAGAATGGAAAAGAACCATTGAAGCTTGAG
AGAAAAGCCCCAAAAGCAGCTATTAGACATGGAGACTAGACCACAGAGCAAGGATTCAACTTCAGTG
CAAGATTTTTCAAAGCAGAATCATGCAAAGTTGCAATAATAGACAGACTGACACGGAATAGTGTCTAT
GACTCTAACTTGAAGCAGCCCTTGAATGTGAAAATTGGTTAGAGAATCAGCAAGGAAATCAGGAGAGA
CATTGAGAGAAATGTTCACTCACATGAATCACTCTCTGAGGAAACAGACCATAAGCATGATGTATAC
TGGAAAAGCTTCAATCAGAAATCTGCTTATCACTGAAGACAGAGTTCCCAAAGGATCTTATGCCCTTC
CATACACTTGAAAAAGCTTGAACAAAAATCAAACCTAATGAAAAAGCAGAGAACTTATAAAGAGAAA
AAACCTCATAAATGTAATGATTGTGGTGAACCTTCCACCTACCATTCAAGTCTTATTCGACACCAGAGA
GTCCATACTGGAGAGAAAACCTATACCTGCAATGAATGTGGGAAATCTTTTAGCCACAGAGCTAATTTA
ACTAAACACCAGAGAACTCATACTAGAATTCTCTTTGAATGCAGTGAATGCAAGAAAACCTTACAGAA
AGCTCATCCCTTGCAACACATCAGAGAATTCACGTTGGAGAGAGACCTTATGAATGCAATGAATGTGGG
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AGAGTTCACTGGAGAAAAGCCATATGAATGCAGTGAATGTGGAAAACCTTTTAGTGCAGACACACAT
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TGTGGAAAAGCCTTATTATTATCAGCTCTCATTCAACATCAGAGAACTCATACCGGAGAGAAAACCC
TTTAGATGTAATGAGTGTGGGAAAAGCTTTAAGTGCAGTTCATCTCTCATCAGACATCAAAGAGTTCAC
ACTGAAGAGCAACCC
ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTAAAC
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Protein Sequence:

>Peptide sequence encoded by RG238647
 Blue=ORF Red=Cloning site Green=Tag(s)

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MGALSSQDSPHFQEKSTEEGEVAALRLTARSQETVTFKDVAMDFTPEEWGKLDPAQRDVMLENYRNLVS
LWLPVSKPESYNLENGKEPLKLERKAPKSSYSDMETRPQSKDSTSVQDFSKAESCKVAIIDRLTRNSVY
DSNLEAALEECENWLENQGNQERHLREMFTHMNSLSEEDHKHDVYWKSFNQKSVLITEDRVPKGSYAF
HTLEKSLKQKSNLMKKQRTYKEKKPHKCNDCGELFTYHSVLIRHQRVHTGEKPYTCNECGKSFHRANL
TKHQRTHTRILFECSECKTTFTESSSLATHQRIHVGERPYECNECGKGFNRSTHLVQHQLIHTGVKPYE
CNECDKAFIHSSALIKHQRTHTGEKPYKQCECGKAFSHCSSLTKHQRVHTGEKPYECSECGKTFSSQSTH
LVQHQRHTGEKPYECNECGKTFSSSNFAKHQRIHIGKPKYKCECGKAFIHSSALIQHQRTHTGEKP
FRCNECGKSFKCSSLIRHQRVHTEEQP
TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
MGYGFYHFGTYPSTYENPFLHAINNGGYNTRIEKYEDGGVLHVSFSYRYEAGRVIGDFKVMGTGFPED
SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFLRDGGYSSVVDSHMHFKSAIHPSILQNGGPMFA
FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV
```

Restriction Sites:

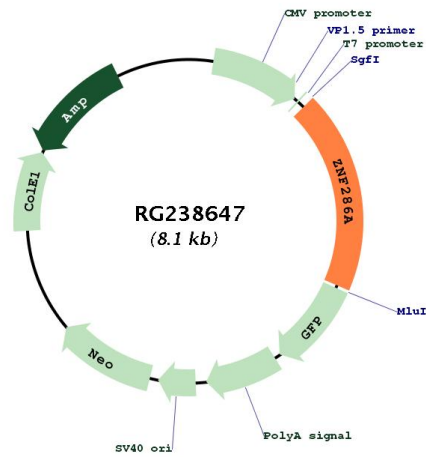
Sgfl-Mlul

Cloning Scheme:

Cloning sites used for ORF Shutting:



Plasmid Map:



ACCN:	NM_001288643
ORF Size:	1533 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_001288643.2
RefSeq Size:	5240 bp
RefSeq ORF:	1536 bp
Locus ID:	57335
UniProt ID:	Q9HBT8
Cytogenetics:	17p12
Protein Families:	Transcription Factors
MW:	59.5 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]