

Product datasheet for **RG237382**

ZNF566 (NM_001300970) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF566 (NM_001300970) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF566
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>RG237382 representing NM_001300970. Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTG
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ATGGAAAACTCACAAGACGTGATTTTCAGTGCTCCAGTTTCAGAGATGATTGGGAATGTAATCGGCAG
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CAGAGAATTCATACTGGGAGAAACCTATGAATGTAAGATATGTGGGAAGGCTTATTCTCAGAGTTCA
CAGCTTATTAGTCATCATAGAATTCATACTAGTGAGAAACCTATGAATATAGGGAATGTGAAAGAAC
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ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAAAC
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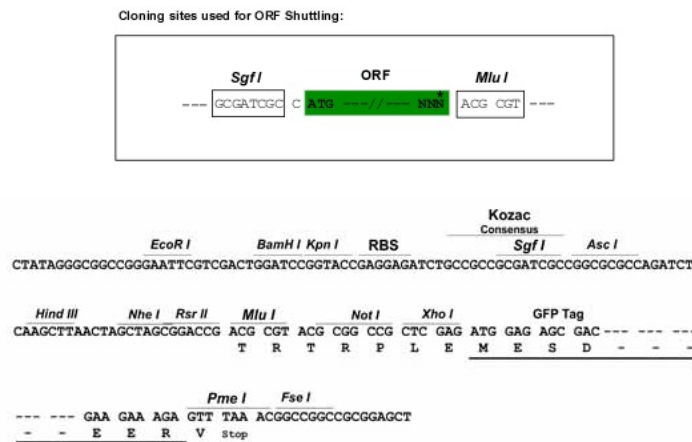
[View online »](#)

Protein Sequence: >Peptide sequence encoded by RG237382
 Blue=ORF Red=Cloning site Green=Tag(s)

MEKLTRRDFQCSSFRRDDWECNRQFKKELGSQGGHFNQLVFTHEDLPTLSHHPSTLQQIINSKKKFCAS
 KEYRKTFRHGSQFATHEIIHTIEKPYECKEKGKSFRRHPSRLTHHQKIHTGKKPFECKEKGKTFICGSDL
 TRHHRIHTGEKPYECKEKGKAFSSGSNFTRHQRHTGEKPYECKEKGKAFSSGSNFQHQRIHTGEKPY
 ECKEKGNAFSQSSQLIKHQRIHTGEKPYECKEKAFRSGSDLTRHQRHTGEKPYECKICGKAYSQSS
 QLI SHHRHTSEKPYEYRECGKNFNYPQLIQHQNL YW
 TRTRPLEMESDESGLPAMEIECRITGTLNGVEFELVGGGEGTPEQGRMTNKMSTKGALTFSPYLLSHV
 MGYGFYHFGTYPYSGYENPFLHAINNGGYNTRIEKYEDGGVLHVFSYRYEAGRVIGDFKVMGTGFPED
 SVIFTDKIIRSNATVEHLHPMGDNDLDGSFTRTFSLRDGGYSSVVD SHMHFKSAIHPSILQNGGPMFA
 FRRVEEDHSNTELGIVEYQHAFKTPDADAGEERV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001300970

ORF Size: 942 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.

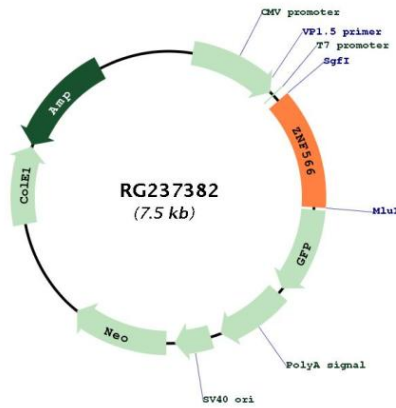
Components: The ORF clone is ion-exchange column purified and shipped in a 2D barcoded Matrix tube containing 10ug of transfection-ready, dried plasmid DNA (reconstitute with 100 ul of water).

RefSeq: [NM_001300970.2](#)

RefSeq Size: 5485 bp

RefSeq ORF:	945 bp
Locus ID:	84924
UniProt ID:	<u>Q969W8</u>
Cytogenetics:	19q13.12
Protein Families:	Transcription Factors
MW:	37.3 kDa
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG237382