

Product datasheet for **RG227547**

ZNF566 (NM_001145345) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
 Product Name: ZNF566 (NM_001145345) 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: >RG227547 representing NM_001145345
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTCAGGAGTCAGTGATGTTTCAGTGATGTGTCCGTAGACTTCTCTCAGGAGGAGTGGGAATGCCTGA
 ATGATGATCAGAGAGATTTATACAGAGATGTGATGTTGGAGAATTACAGCAACCTGGTTTCAATGGGGCA
 TTCTATTTCTAAACCAATGTGATCTCCTACTTGGAGCAAGGGAAGGAGCCCTGGTTGGCTGACAGAGAG
 CTAACAAGAGGCCAGTGGCCAGTCTGGAATCAAGATGTGAGACCAAGAAATTATTTCTGAAGAAAGAAA
 TTTATGAAATAGAATCAACCCAGTGGGAAATAATGGAAAACTACAAGACGTGATTTTCAGTGCCTCCAG
 TTTCAGAGATGATTGGGAATGTAATCGGCAGTTTAAGAAAGAACTCGGCTCTCAGGGGGACATTTCAAT
 CAATTGGTATTCATCATGAAGATCTGCCCACTTTGAGTCACCATCCATCCTTCACATTACAGCAAATCA
 TTAACAGTAAAAAGAAATTTCTGTGCATCTAAAGAATATAGGAAAACCTTTAGACATGGCTCACAGTTTGC
 TACACATGAGATAATTCATACCATTTGAGAAGCCTTATGAATGTAAGGAATGTGGAAAGTCTTTAGACAT
 CCCTCAAGACTCACTCATCATCAGAAAATTCATACTGGCAAGAAACCTTTGAATGTAAGGAATGTGGAA
 AACCTTTATTTGTGGCTCAGACCTTACTCGACATCACAGAATTCACACTGGTGAGAAACCTATGAATG
 TAAGGAATGTGGAAAGCCTTTAGTAGTGGTTCAAACCTCACTCGACATCAGAGAATTCACACAGGTGAG
 AAGCCTTATGAATGCAAAGAATGCGGGAAGGCCTTTAGTAGTGGCTCAAACCTTTACTCAACATCAGAGAA
 TTCATACTGGGAAAAACCTATGAATGTAAGGAATGTGGCAATGCCTTTAGTCAGAGCTACAACCTTAT
 TAAACATCAAAGAATCCATACAGGTGAGAAACCTTACGAATGTAAGGAATGTGAAAAGGCTTTTCGTTCT
 GGCTCAGACCTTACTAGACATCAGAGAATTCATACTGGGGAGAAAACCTATGAATGTAAGATATGTGGGA
 AGGCTTATTTCTCAGAGTTCACAGCTTATTAGTCATCATAGAATTCATACTAGTGAGAAAACCTATGAATA
 TAGGGAATGTGGAAAGAACTTTAATTATGACCCACAACCTATTTCAGCATCAAAATTTGTACTGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA



[View online »](#)

Protein Sequence: >RG227547 representing NM_001145345
Red=Cloning site Green=Tags(s)

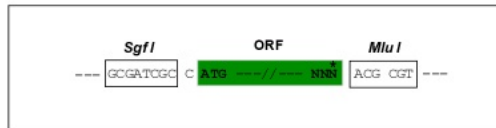
MAQESVMFSDVSVDFSQEEWECLNDDQRDLYRDVMLENYSNLVSMGHSISKPNVISYLEQGKEPWLADRE
 LTRGQWPVLESRCETKKLFLKKEIYEIESTQWEIMEKL TRRDFQCSSFRRDDWECNRQFKKELGSQGGHFN
 QLVFTHEDLPTLSHHPSTLQQIINSKKKFCASKEYRKTFRHGSQFATHEIIHTIEKPYECKEKGKFSFRH
 PSRLTHHQIHTGKKPFECKEKGKTFICGSDLTRHHRIHTGEKPYECKEKGKAFSSGSNFTRHQRIHTGE
 KPYECKEKGKAFSSGSNFQHQRIHTGEKPYECKEKGNAFSQSSQLIKHQRIHTGEKPYECKEKEKAFRS
 GSDLTRHQRIHTGEKPYECKIKGKAYSQSSQLISHHRIHTSEKPYEYRECGKNFNYPQLIQHQNLVW

TRTRPLE - GFP Tag - V

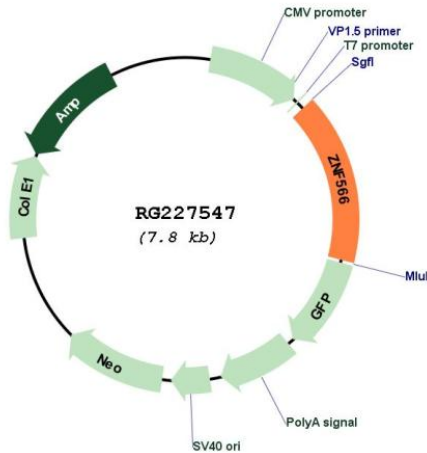
Restriction Sites: SgfI-MluI

Cloning Scheme:

Cloning sites used for ORF Shuttling:



Plasmid Map:



ACCN: NM_001145345

ORF Size:	1254 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).
Reconstitution Method:	<ol style="list-style-type: none">1. Centrifuge at 5,000xg for 5min.2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.3. Close the tube and incubate for 10 minutes at room temperature.4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.5. Store the suspended plasmid at -20°C. The DNA is stable for at least one year from date of shipping when stored at -20°C.
RefSeq:	NM_001145345.1 , NP_001138817.1
RefSeq Size:	5262 bp
RefSeq ORF:	1257 bp
Locus ID:	84924
UniProt ID:	Q969W8
Cytogenetics:	19q13.12
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]