

Product datasheet for **RG234640**

ZNF551 (NM_001270938) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF551 (NM_001270938) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	ZNF551
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG234640 representing NM_001270938
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCCGCATCGCC

ATGACCTTTGAGGATGTGGCATTATTCTCCCAAGAAGAGTGGGAGCTCCTTGATGAGTCTCAGAGGT
 TCCTGTACTGCGATGTGATGCTGGAGAATTTGCACATGTAACATCCCTGGGTTATTGCCATGGAATGGA
 GAATGAGGCGATAGCTTCTGAGCAGAGTGTATCTATACAGGTCAGGACTTCTAAGGGCAATACACCCACC
 CAGAAAACCTCACCTCAGTGAGATTAAGATGTGTGTCCAGTCTTGAAAGACATTTTGCCTGCGGCTGAGC
 ACCAAACCACATCCCCTGTGCAAAAGTCATACTGGGTAGCACAAGCATGAGAGGCTTCTGCTTCAGTGC
 TGACCTTCACCAGCATCAAAAGCATTACAATGAAGAAGAGCCCTGGAAAAGGAAGGTGGATGAGGCTACA
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 AAAGACCTTATGAGTGCAGTCAATGTGGAAACCTTTACCCACAAATCAGACCTTATTCAGCACCAAAG
 AGTTCACACTGGAGAAAGGCCTTATGAATGCAGTGAATGTGGAAATCCTTTAGCCGCAAAATCTAACCTC
 ATTCGACATCGGAGAGTTCACACTGAAGAAAGGCCT

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

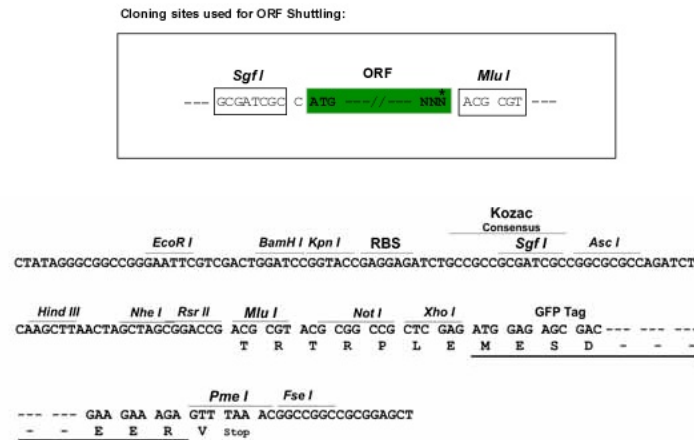
>RG234640 representing NM_001270938
 Red=Cloning site Green=Tags(s)

MTFEDVAIYFSQEEWELLDESQRFLYCDVMLENFAHVTS LGYCHGMENEAIASEQSVSIQVRTSKGNTP
 QKTHLSEIKMCPVLKIDILPAAEHQTTSPVQKSYLGSTSMRGFCFSADLHQHQKHYNNEEPWKRKVDEAT
 FVTGCRFVHLNYFTCGEAFPAPTDLLQHEATPSGEEPHSSSKHIQAFFNAKSYKWEYRKASSHKHTL
 VQHQSVCSSEGLYECCKEKAFTCKNTLVQHQIHTGQKMFECSECEESFSKKCHILHKIHTGERPYE
 CSDREKAFIHKSEFIHQRRHTGGVRHECGECKTF SYKSNLIEHQRVHTGERPYECGECGKSFRQSSSL
 FRHQRVHSGERP YQCCECGKSFRQIFNLIRHRRVHTGEMPYQCSDCGKSF SCKSELIHQRIHSGERP
 CRECGKSFRQF SNLIRHRSIHTGDRPYECSECEKSF SRKFILIQHQRVHTGERPYECSECGKSFRKSDL
 IQHRIHTGTRPYECSECGKSFRQSGLIQHRRLHTGERPYECSECGKSFSQSASLIHQRVHTGERPYE
 CSECGKSFSQSSSLIQHQRGHTGERPYECSCGKPFTHKSDLIQHQRVHTGERPYECSECGKSFSRKS
 NLIRHRRVHTEERP

TRTRPLE – GFP Tag – V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001270938

ORF Size: 1926 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:

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_001270938.2](#)

RefSeq Size: 3615 bp

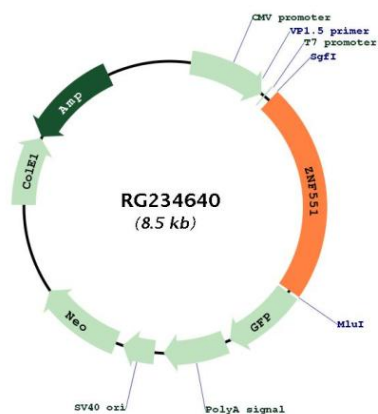
RefSeq ORF: 1929 bp

Locus ID: 90233

UniProt ID: [Q7Z340](#)

Cytogenetics: 19q13.43
Protein Families: Transcription Factors
Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG234640