

Product datasheet for **RG214448**

ZNF155 (NM_003445) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Tag:	TurboGFP
Symbol:	ZNF155
Synonyms:	pHZ-96
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



ORF Nucleotide Sequence: >RG214448 representing NM_003445
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGACCACATTCAAGGAGGCAGTGACCTTCAAGGATGTGGCTGTGGTCTTCACTGAGGAGGAGCTGGGGC
 TGCTGGACCTGCCCAGAGGAAGCTGTACCGAGATGTGATGCTGGAGAAGCTTCAGGAACCTGCTCTCAGT
 GGGGCATCAACCGTTCCACCAAGATACTTGCCACTTCTAAGGGAAGAAAAGTTTGGATGATGGGGACA
 GCAACCCAAAGAGAAGGGAATTCAGGAGGCAAGATCCAACTGAGTTGGAGTCTGTTCCAGAAGCAGGAG
 CACATGAAGAGTGGTCTGCCAGCAATCTGGGAACAAATTGCAAAGACTTAACCAAGTCTCAGGACTC
 TATCATAAATAACTCTCAGTTCTTTGAAAATGGTGATGTCCCTCCCAGGTTGAAGCAGGACTACCCACA
 ATTCATACAGGACAGAAACCTTCCAGGTTGGGAAGTGTAAACAGTCCATCAGTGATGTTCCCATCTTTG
 ATCTTCTCAGCAGTTATACTCAGAAGAGAAGTCTTATACATGTGATGAGTGTGAAAAAGCATCTGTTA
 CATCTCAGCTCTTCATGTTATCAGAGAGTCCACGTGGGAGAGAACTCTTATGTGTGATGTGTGTGGC
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 GTGAGCAATGTGGAAAGGTTTCAGTCGTAGATCAGCACTTAATGTTTCATCGTAAATACACACAGGAGA
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 GGCCTCAAGTATTTGAATCATAAGAGACTCCACTGCCAGAAAAACCATCAAATGTGAGGACTGTGGA
 AAGAGGCTTGTACACAGGACATACCGTAAAGACCAGCCGAGAGACTATAGTGGGAAAAACCATCCAAAT
 GTGAGGATTGTGGAGACGCTACAAGAGCGCTTGAATCTGGATATACTTTATCATTATTTCTAAATGA
 CACA

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

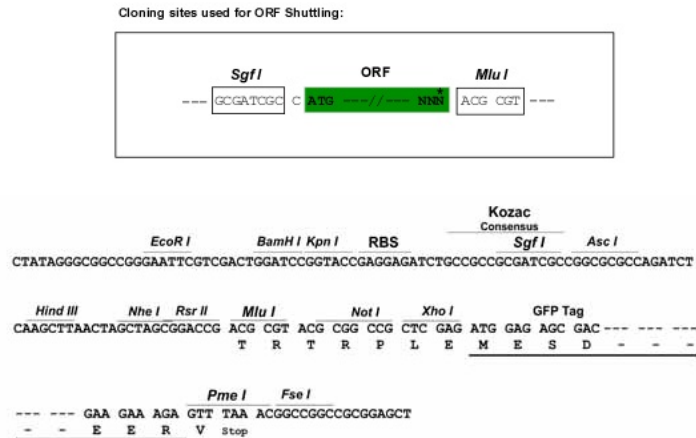
Protein Sequence: >RG214448 representing NM_003445
 Red=Cloning site Green=Tags(s)

MTTFKEAVTFKDVAVVFTEELGLLDPAQRKLYRDVMLENFRNLLSVGHQPFHQDTCHFLREEKFWMGMT
 ATQREGNSGGKIQTELESVPEAGAHEEWSQQIWEQIAKDLTRSQDSIIINNSQFFENGDVPSQVEAGLPT
 IHTGQKPSQGGKCKQSIDVPIFDLPQQLYSEKSYTCDECGKSICYISALHVHQRVHVGEKLFMCDVCG
 KEFSQSSHLQTHQRVHTGEKPFKCEQCGKFSRRSALNVHRKLHTGEKPYICEACGKAFIHDSQLKEHQR
 IHTGEKPFKCDICGKTFYFRSRLKSHSMVHTGEKPFRCDDCKSFHQRSALNRHCMVHTGEKPYRCEQCG
 KGFIGRLDFYKHQVVHTGEKPYNCKEKGKFSRWSSCLLNHQRVHSGEKSFKCEECGKGFYTNSQLSSHQR
 SHSGEKPYKCEECGKGYVTKFNLDLHQRVHTGERPYNCKEKGKFSRWSSILNHKRLHCQKPKFKCEDCG
 KRLVHRTYRKDQPRDYSGENPSKCEDCGRRYKRLNLDILLSLFLNDT

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_003445

ORF Size: 1614 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.

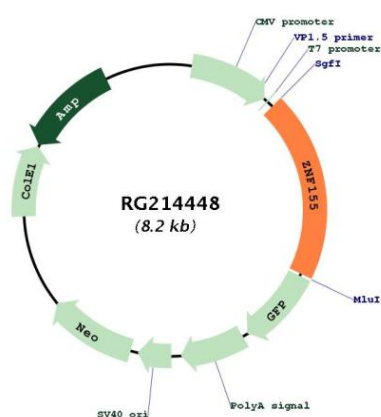
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_003445.2](#), [NP_003436.2](#)

RefSeq Size: 2673 bp

RefSeq ORF:	1617 bp
Locus ID:	7711
UniProt ID:	Q12901
Cytogenetics:	19q13.31
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RG214448