

## Product datasheet for **RG221510**

### zinc finger protein 655 (ZNF655) (NM\_024061) Human Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** zinc finger protein 655 (ZNF655) (NM\_024061) Human Tagged ORF Clone  
**Tag:** TurboGFP  
**Symbol:** ZNF655  
**Synonyms:** VIK; VIK-1  
**Mammalian Cell Selection:** Neomycin  
**Vector:** pCMV6-AC-GFP (PS100010)  
**E. coli Selection:** Ampicillin (100 ug/mL)  
**ORF Nucleotide Sequence:** >RG221510 representing NM\_024061  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGAGGAAATACCAGCCCAGGAAGCAGCAGGGTCACCAAGGGTCCAGTTTCAGTCTTTGGAGACCCAGT  
 CTGAGTGTCTGTCCCAGAGCCTCAGTTTGTGCAGGACACCGACATGGAACAGGGACTCACTGGGGCTCC  
 ACCTGTTCTCAGGTGCCTGCTCTTCCCGTGAGGGAAGCCCAGGAGACCAGGCAGCTGCGCTCTTGACA  
 GCCAGGTACCAGGAGTTTGTGACATTCGAGGATGTGGCTGTGCACCTACTCGAGAGGAATGGGGATACC  
 TGGACCCTGTTTACAGGGACCTCTACAGAGAAGTGATGTTAGAGAATTATGGGAACGTGGTCTCACTGGG  
 CATACTTCTCCGCCTCCACCACCCGGATTCATAGTGTGAATTCCTGCCCGCCCTGAGTCATACCCAG  
 GCAAGTGCCTTCTCTGGAGAAACTTGCCTTACAGCAGGAATCTCCAAGAGATGGCCCAAGTATC  
 GGCTTCCCATCGATATTGCTCGTCCCTGCTCGAAACTCCTTTCCACGATTG

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

**Protein Sequence:** >RG221510 representing NM\_024061  
 Red=Cloning site Green=Tags(s)  
 MEEIQAQEAAGSPRVQFQSLETQSECLSPPEQFVQDQDMEQGLTGAPPVPQVPALPREGSPGDQAAALLT  
 ARYQEFVTFEDVAVHLTREEWGYLDPVQRDLYREVMLENYGNVSLGILLRPLPTTRIHVNSCPALSHTQ  
 ASAFSGETLAVL TAGISKRWPKYRLPIDIARPCSETPFPRL

**TRTRPLE** - GFP Tag - V

**Restriction Sites:** Sgfl-MluI

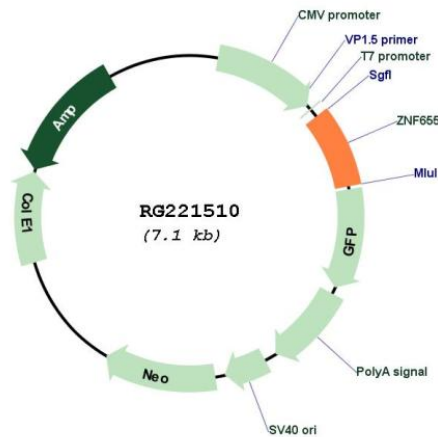


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Cloning Scheme:



Plasmid Map:



ACCN: NM\_024061

ORF Size: 543 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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u>NM_024061.3, NP_076966.1</u>
<b>RefSeq Size:</b>	1608 bp
<b>RefSeq ORF:</b>	546 bp
<b>Locus ID:</b>	79027
<b>UniProt ID:</b>	<u>Q8N720</u>
<b>Cytogenetics:</b>	7q22.1
<b>Domains:</b>	KRAB
<b>Protein Families:</b>	Transcription Factors
<b>Gene Summary:</b>	This gene encodes a zinc finger protein. The zinc finger proteins are involved in DNA binding and protein-protein interactions. Multiple alternatively spliced transcript variants encoding distinct isoforms have been found for this gene. [provided by RefSeq, Jul 2008]