

Product datasheet for RG217096

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

zinc finger protein 655 (ZNF655) (NM_001085366) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: zinc finger protein 655 (ZNF655) (NM_001085366) Human Tagged ORF Clone

Tag: TurboGFP Symbol: ZNF655

Synonyms: VIK; VIK-1

Mammalian Cell Neomycin

Selection:

Vector: pCMV6-AC-GFP (PS100010)

E. coli Selection: Ampicillin (100 ug/mL)

ORF Nucleotide >RG217096 representing NM_001085366
Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

ATGGAGGAAATACCAGCCCAGGAAGCAGCAGGGTCACCAAGGGTCCAGTTTCAGTCTTTGGAGACCCAGTCTGAGTGTCTCTGTCCCCAGAGCCTCAGTTTGTGCAGGACACCGACATGGAACAGGGACTCACTGGGGGCATACTTCTCCGCCTTCCCACCACCCGGATTCATAGTGTGAATTCCTGCCCGGCCCTGAGTCATACCCAGGCAAGTGCTTTCTCTGGAGAAACACTTGCCGTCCTTACAGCAGGAATCTCCAAGAGATGGCCCAAGTATCGGC

TTCCCATCGATATTGCTCGTCCCTGCTCGGAAACTCCTTTTCCACGATTG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG217096 representing NM_001085366

Red=Cloning site Green=Tags(s)

MEEIPAQEAAGSPRVQFQSLETQSECLSPEPQFVQDTDMEQGLTGGILLRLPTTRIHSVNSCPALSHTQA

SAFSGETLAVLTAGISKRWPKYRLPIDIARPCSETPFPRL

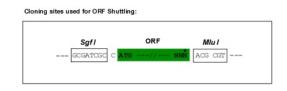
TRTRPLE - GFP Tag - V

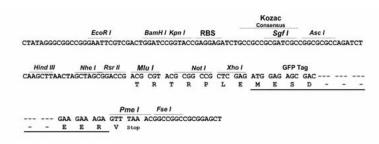
Restriction Sites: Sgfl-Mlul



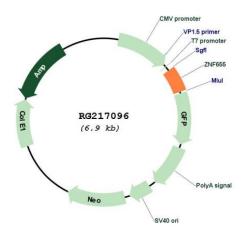


Cloning Scheme:





Plasmid Map:



ACCN: NM_001085366

ORF Size: 330 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

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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: <u>NM 001085366.1</u>, <u>NP 001078835.1</u>

 RefSeq Size:
 1395 bp

 RefSeq ORF:
 333 bp

 Locus ID:
 79027

 UniProt ID:
 Q8N720

 Cytogenetics:
 7q22.1

Protein Families: Transcription Factors

Gene Summary: 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]