

Product datasheet for **RG213757**

zinc finger protein 655 (ZNF655) (NM_001085368) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	zinc finger protein 655 (ZNF655) (NM_001085368) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	zinc finger protein 655
Synonyms:	VIK; VIK-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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ORF Nucleotide Sequence:

>RG213757 representing NM_001085368
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAGGAAATACCAGCCAGGAAGCAGCAGGGTCACCAAGGGTCCAGTTTCAGTCTTTGGAGACCCAGT
 CTGAGTGTCTGTCCCAGAGCCTCAGTTTGTGCAGGACACCGACATGGAACAGGGACTCACTGGGGATT
 TCCAATTTCCAAGCCTGATGGGATCTCCAGCTGGAACAGGATCTACAGGTCTTTGATCTGGAACTAAG
 ACTAGAGAAGTCTTAAGAGATGACTGCTCAGATGGAGAGACCAGAGAAGAGAACAAGCTGTTGATTCTTA
 AGCAGAAAATTTGGAAGAAGTGCATTCATACAAAGTGAAGTAGGAAGACTCAAACACGATATTACCCA
 AGTTCCTGAGACTAGAGAAGTGTATAAGTCTGAGGACAGATTAGAAAGACTTCAGGAAATTTAAGGAAA
 TTTCTGTACCTGGAGAGAGATTAGGCAATAACAATCAGCAAGGAAACCTTCACCAGTGAGAAGAACA
 ATGAATGTCATGAACCCGAAAAAAGCTTCAGTCTGGACTCTACTATTGATGCAGATCAGAGATTCTTAG
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 GAACACTTAAATCTAACAGAGGATTTTCAGAGTAGTGAATGTAAGGAAAGCTTAATGGATCTCTCCACC
 TTAATAAATGGGAGAGCATCCCTAACACTGAGAAATCCTATAAATGTGATGTATGTTGGAAAAATTTCCA
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 GAAAAGTCTTTCAGTCAGAGCTCAAGTCTTAGTCGACATAAAAAGAATACACACTAGAGAAAAACCTTACA
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 GCATAAGAAAATTCACACCAGAGCCAAATCTTACAAATGTAGCAGTTGTGAAAGAGTCTTCAGTCGATGT
 GTCCACCTTACTCAACATCAGAAAATTCACAAAGAGATGCCCTGTAAGTGTACTGTATGTGGCAGTGACT
 TCTGCCATACTCATACTACTGAACATCAGAGGGTCCATCATGAAGAGAAAAGCCTATGAGTATGATGA
 ATATGGGTTGGCCTATATTAACAACAAGGAATTCATTTTCAGAGAAAAGCCCTATACGTGTAGTGAATGT
 GGAAAAGACTTCAGATTGAATTCACATCTTATTAGCATCAAAGAATTCACACAGGAGAGAAAGCATG
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 AGAGAAATCGTATGAATGTAATGAGTATGAGGGCAGTTTCAGTCATAGCTCAGATCTTATCCTGCAACA
 GAAGTCTCACCAGACAGAAAGCCTTTGATTGTGATGTATGGGAAAAGAACTCCAGTCAGAGAGCACATC
 TAGTTCAACATCAGAGCATTTCATACCAAGAGAACTCA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG213757 representing NM_001085368
 Red=Cloning site Green=Tags(s)

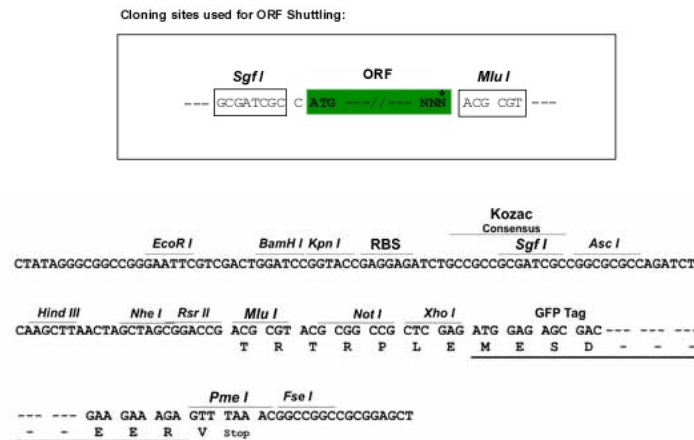
MEEIPAQEAAGSPRVQFQSLETQSECLSPPEQFVQDMEQGLTGGFPI SKPDGISQLEQDLQVFDLETK
 TREVLRDDSDGETREENKLLIPKQKISEEVHSYKVRVGRLLKHDITQVPETREVIKSEDRLERLQEILRK
 FLYLEREFRQITISKETFTSEKNNECHEPEKSFSLDSTIDADQVLRIQNTDDNDKYDMSFNQNSASGKH
 EHLNLTEDFQSSECKESLMDLSHLNKWESIPNTEKSYKCDVCGKIFHQSSALTRHQRIHTREKPYKCKEC
 EKSFSQSSSLSRHKRIHTREKPYKCEASDKSCEASDKSCSPSSGIIQHKKIHTRAKSYKSCSCEVRSRS
 VHLTQHQQIHKEMPCKCTVCGSDFCHTSYLLEHQRVHHEEKAYEYDEYGLAYIKQQGIHFREKPYTCSEC
 GKDFRLNSHLIQHQRIHTGEKAHECNECGKAFSQTSLIQHKKMHRKEKSYECNEYEGSFSHSSDLILQQ
 EVLTRQKAFDCDVWEKNSSQRAHLVQHQSIIHTKENS

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



ACCN: NM_001085368

ORF Size: 1578 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_001085368.1](#), [NP_001078837.1](#)

RefSeq Size: 4690 bp

RefSeq ORF: 1581 bp

Locus ID: 79027

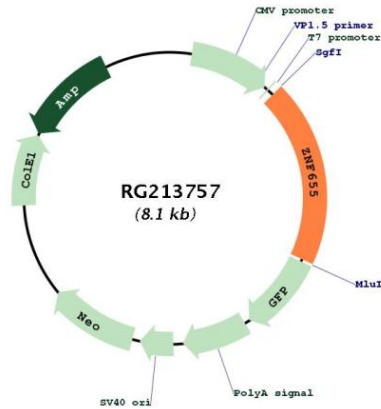
UniProt ID: [Q8N720](#)

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]

Product images:



Circular map for RG213757