

## Product datasheet for **RC216837**

### zinc finger protein 655 (ZNF655) (NM\_001083956) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	zinc finger protein 655 (ZNF655) (NM_001083956) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	zinc finger protein 655
Synonyms:	VIK; VIK-1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RC216837 representing NM\_001083956  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGCC**

ATGGAGGAAATACCAGCCAGGAAGCAGCAGGGTCACCAAGGGTCCAGTTTCAGTCTTTGGAGACCCAGT  
 CTGAGTGTCTGTCCCAGAGCCTCAGTTTGTGCAGGACACCGACATGGAACAGGGACTCACTGGGGATT  
 TCCAATTTCCAAGCCTGATGGGATCTCCAGCTGGAACAGGATCTACAGGTCTTTGATCTGGAACTAAG  
 ACTAGAGAAGTCTTAAGAGATGACTGCTCAGATGGAGAGACCAGAGAAGAGAACAAGCTGTTGATTCTTA  
 AGCAGAAAATTTCGGAAGAAGTGCATTCATACAAAGTGAAGTAGGAAGACTCAAACACGATATTACCCA  
 AGTTCCTGAGACTAGAGAAGTATAAGTCTGAGGACAGATTAGAAAGACTTCAGGAAATTTAAGGAAA  
 TTTCTGTACCTGGAGAGAGATTAGGCAAATAACAATCAGCAAGGAAACCTTCACCAGTGAGAAGAAC  
 ATGAATGTCATGAACCCGAAAAAAGCTTCAGTCTGGACTCTACTATTGATGCAGATCAGAGATTCTTAG  
 AATACAGAATACCGATGACAATGATAAGTATGACATGAGCTTCAACCAGAATTCAGCCTCTGGTAAACAT  
 GAACACTTAAATCTAACAGAGGATTTTCAGAGTAGTGAATGTAAGGAAAGCTTAATGGATCTCTCCACC  
 TTAATAAATGGGAGAGCATCCCTAACACTGAGAAATCCTATAAATGTGATGTATGTGGGAAAAATTTCCA  
 TCAGAGCTCAGCCCTTACTAGACATCAGAGAATCCATACTAGAGAGAAGCCCTACAAATGTAAGAATGT  
 GAAAAGTCTTTCAGTCAGAGCTCAAGTCTTAGTCGACATAAAAAGAATACACACTAGAGAAAAACCTTACA  
 AATGTGAAGCATCTGATAAATCCTGTGAAGCGTCTGATAAATCCTGTAGTCCAAGCTCAGGCATAATTCA  
 GCATAAGAAAATTCACACCAGAGCCAAATCTTACAAATGTAGCAGTTGTGAAAGAGTCTTCAGTCGATGT  
 GTCCACCTTACTCAACATCAGAAAATTCACAAAGAGATGCCCTGTAAGTGTACTGTATGTGGCAGTGACT  
 TCTGCCATCTCATACCTACTGAACATCAGAGGGTCCATCATGAAGAGAAAAGCCTATGAGTATGATGA  
 ATATGGGTTGGCCTATATTAACAACAAGGAATTCATTTAGAGAAAAGCCCTATACGTGTAGTGAATGT  
 GGAAAAGACTTCAGATTGAATTCACATCTTATTAGCATCAAAGAATTCACACAGGAGAGAAAGCATG  
 AATGTAATGAATGTGGAAAAGCTTTCAGTCAAACCTCATGCCTTATTAGCATCACAAAATGCATAGGAA  
 AGAGAAATCGTATGAATGTAATGAGTATGAGGGCAGTTTCAGTCATAGCTCAGATCTTATCCTGCAACAA  
 GAAGTCTCACCAGACAGAAAGCCTTTGATTGTGATGTATGGGAAAAGAACTCCAGTCAGAGAGCACATC  
 TAGTTCAACATCAGAGCATTATACCAAGAGAACTCA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC216837 representing NM\_001083956  
 Red=Cloning site Green=Tags(s)

MEEIPAQEAAGSPRVQFQSQLETSQSECLSPPEQFVQDTEQGLTGGFPIKPDGISQLEQDLQVFDLETK  
 TREVLRDDCSGDGETREENKLLIPKQKISEEVHSYKVRVGRLLKHDITQVPETREYVYKSEDRLERLQEILRK  
 FLYLEREFRQITISKETFTSEKNNECHEPEKSFSLDSTIDADQVRLRIQNTDDNDKYDMSFNQNSASGKH  
 EHLNLTEDFQSSECKESLMDLSHLNKWESIPNTEKSYKCDVCGKIFHQSSALTRHQRITHTREKPYKCKEC  
 EKSFSSSSLSRHKRIHTREKPYKCEASDKSCEASDKSCSPSSGIIQHKKIHTRAKSYKSCSCEVFSRS  
 VHLTQHQQIHKEMPKCTVCGSDFCHTSYLLEHQRVHHEEKAYEYDEYGLAYIKQQGIHFREKPYTCSEC  
 GKDFRLNSHLIQHQRIHTGEKAHECNECGKAFSQTSLIQHKKMHRKEKSYECNEYEGSFSSSDLLILQQ  
 EVLTRQKAFDCDVWEKNSSQRAHLVQHQSIHTKENS

**TRTRPLEQKLI**SEEDLAANDILDYKDDDDKV

**Chromatograms:**

[https://cdn.origene.com/chromatograms/mk8065\\_e04.zip](https://cdn.origene.com/chromatograms/mk8065_e04.zip)

**Restriction Sites:**

Sgfl-MluI

Cloning Scheme:



ACCN: NM\_001083956

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\\_001083956.1](#), [NP\\_001077425.1](#)

RefSeq Size: 4863 bp

RefSeq ORF: 1581 bp

Locus ID: 79027

UniProt ID: [Q8N720](#)

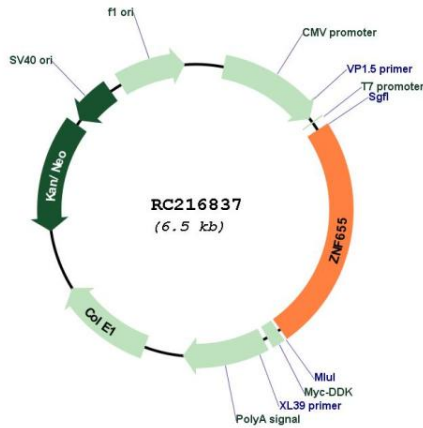
Cytogenetics: 7q22.1

**Protein Families:** Transcription Factors

**MW:** 61.4 kDa

**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 RC216837