

Product datasheet for **RC207727**

zinc finger protein 655 (ZNF655) (NM_001009960) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	zinc finger protein 655 (ZNF655) (NM_001009960) 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:

>RC207727 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGAGGAAATACCAGCCAGGAAGCAGCAGGGTCACCAAGGGTCCAGTTTCAGTCTTTGGAGACCCAGT
 CTGAGTGTCTGTCCCAGAGCCTCAGTTTGTGCAGGACACCGACATGGAACAGGGACTCACTGGGGATGG
 AGAGACCAGAGAAGATAACAAGCTGTTGATTCTTAAGCAGAAAATTCGGAAGAAGTGCATTCATACAAA
 GTGAGAGTAGGAAGACTCAAACACGATATTACCAAGTTCCTGAGACTAGAGAAGTGATAAGTCTGAGG
 ACAGATTAGAAAGACTTCAGGAAATTTAAGGAAATTTCTGTACCTGGAGAGAGAGTTTAGGCAAATAAC
 AATCAGCAAGGAAACCTCACCAGTGAGAAGAACAATGAATGTCATGAACCCGAAAAAGCTTCAGTCTG
 GACTCTACTATTGATGCAGATCAGAGAGTCTTAGAATACAGAATACCGATGACAATGATAAGTATGACA
 TGAGTTCACCCAGAATTCAGCCTCTGGTAAACATGAACACTTAAATCTAACAGAGGATTTTCAGAGTAG
 TGATGTAAAGAAAGCTTAAATGGATCTCTCCACCTTAATAAATGGGAGAGCATCCCTAACACTGAGAAA
 TCCTATAAATGTGATGTATGTGGGAAAAATTTCCATCAGAGCTCAGCCCTTACTAGACATCAGAGAAATCC
 ATACTAGAGAGAAGCCCTACAAATGTAAGAATGTGAAAAGTCTTTCAGTCAGAGCTCAAGTCTTAGTCG
 ACATAAAGAATACACTAGAGAAAACTTACAAATGTGAAGCATCTGATAAATCCTGTGAAGCGTCT
 GATAAATCCTGTAGTCCAAGCTCAGGCATAATTCAGCATAAGAAAATTCACACCAGAGCCAAATCTTACA
 AATGTAGCAGTTGTGAAAGAGTCTTCAGTCGTAGTGTCCACCTTACTCAACATCAGAAAAATTCACAAAGA
 GATGCCCTGTAAGTGTACTGTATGTGGCAGTGACTTCTGCCATACTTCATACCTACTTGAACATCAGAGG
 GTCCATCATGAAGAGAAAGCCTATGAGTATGATGAATATGGGTTGGCCTATATTAACAACAAGGAATTC
 ATTTTCAGAGAAAAGCCCTATACGTGTAGTGAATGTGAAAAGACTTCAGATTGAATTCACATCTTATTCA
 GCATCAAAGAATTCACACAGGAGAGAAAAGCAGATGAATGTAATGAATGTGAAAAGCTTTTCAGTCAAACC
 TCATGCCTTATTCAGCATCACAATAATGCATAGGAAAGAGAAATCGTATGAATGTAATGAGTATGAGGGCA
 GTTTCAGTCATAGCTCAGATCTTATCCTGCAACAAGAAGTCTCACCAGACAGAAAGCCTTTGATTGTGA
 TGTATGGGAAAAGAACTCCAGTCAGAGAGCACATCTAGTTC AACATCAGAGCATTATACCAAAGAGAAC
 TCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC207727 protein sequence
 Red=Cloning site Green=Tags(s)

MEEIPAQEAAGSPRVQFQSLQSECLSPPEPQFVQDMEQGLTGDGETREDNKLLIPKQKISEEVHSYK
 VRVGRLLKHDITQVPETREVIKSEDRLEQLRQILRKFLYLEREFQITISKETFTSEKNECHEPEKSFSL
 DSTIDADQRLRIQNTDDNDKYDMSFNQNSASGKHEHLNLTEDFQSSECKESLMDLSHLNKWESIPNTEK
 SYKCDVCGKIFHQSSALTRHQRIHTREKPYKCKECSFSQSSLSRHKRIHTREKPYKCEASDKSCEAS
 DKSCSPSSGIIQHKIHTRAKSYKSSCERFVSRVHLTQHQKIHKEMPCKCTVCGSDFCHTSYLLEHQR
 VHHEEKAYEYDEYGLAYIKQGGIHFREKPYTCSECGKDFRLNSHLIQHQRHTGEKAHECNECGKAFSQT
 SCLIQHHKMHRKEKSYECNEYEGSFSSSDLILQQEVLTRQKAFDCDVWEKNSSQRAHLVQHQSIIHTKEN
 S

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk6337_f08.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:



ACCN: NM_001009960

ORF Size: 1473 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_001009960.1](#), [NP_001009960.1](#)

RefSeq Size: 4585 bp

RefSeq ORF: 1476 bp

Locus ID: 79027

UniProt ID: [Q8N720](#)

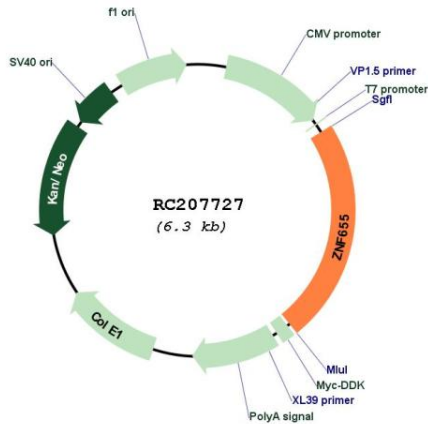
Cytogenetics: 7q22.1

Protein Families: Transcription Factors

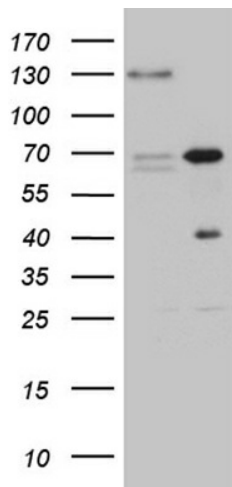
MW: 57.4 kDa

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 RC207727



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY ZNF655 (Cat# RC207727, Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-ZNF655(Cat# [TA811672]) (Cat# [TA811672]) (1:2000).