

Product datasheet for **RG207727**

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:	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:**

>RG207727 representing NM_001009960
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGGAGGAAATACCAGCCCAGGAAGCAGCAGGGTCACCAAGGGTCCAGTTTCAGTCTTTGGAGACCCAGT
 CTGAGTGTCTGTCCCGAGGCCTCAGTTTGTGCAGGACACCGACATGGAACAGGGACTCACTGGGGATGG
 AGAGACCAGAGAAGATAACAAGCTGTTGATTCTTAAGCAGAAAATTTGGAAGAAGTGCATTATACAAA
 GTGAGAGTAGGAAGACTCAAACACGATATTACCAAGTTCCTGAGACTAGAGAAGTGATAAGTCTGAGG
 ACAGATTAGAAAGACTTCAGGAAATTTCTAAGGAAATTTCTGTACCTGGAGAGAGAGTTTAGGCAAATAAC
 AATCAGCAAGGAAACCTTACCAGTGAGAAGAACAATGAATGTCATGAACCCGAAAAAGCTTCAGTCTG
 GACTCTACTATTGATGCAGATCAGAGAGTTCTTAGAATACAGAATACCGATGACAATGATAAGTATGACA
 TGAGCTTCAACCAGAATTCAGCCTCTGGTAAACATGAACACTTAAATCTAACAGAGGATTTTCAGAGTAG
 TGAATGTAAGGAAAGCTTAATGGATCTCTCCACCTTAATAAATGGGAGAGCATCCCTAACACTGAGAAA
 TCCTATAAATGTGATGTATGTGGGAAAAATTTCCATCAGAGCTCAGCCCTTACTAGACATCAGAGAATCC
 ATACTAGAGAGAAGCCCTACAAATGTAAAGAATGTGAAAAGTCTTTCAGTCAGAGCTCAAGTCTTAGTCG
 ACATAAAGAATACACTAGAGAAAAACCTTACAAATGTGAAGCATCTGATAAATCCTGTGAAGCGTCT
 GATAAATCCTGTAGTCCAAGCTCAGGCATAATTCAGCATAAGAAAATTCACACCAGAGCCAAATCTTACA
 AATGTAGCAGTTGTGAAAGAGTCTTCAGTCGTAGTGTCCACCTTACTCAACATCAGAAAATTCACAAAGA
 GATGCCCTGTAAGTGTACTGTATGTGGCAGTGACTTCTGCCATACTTCATACCTACTTGAACATCAGAGG
 GTCCATCATGAAGAGAAAGCCTATGAGTATGATGAATGTGGGTTGGCCTATATTAACAACAAGGAATTC
 ATTTTCAGAGAAAAGCCTATACGTGTAGTGAATGTGAAAAGACTTCAGATTGAATTCACATCTTATTCA
 GCATCAAAGAATTCACACAGGAGAGAAAAGCACATGAATGTAATGAATGTGGAAAAGCTTTTCAGTCAAACC
 TCATGCCTTATTCAGCATCACAAATGCATAGGAAGAGAAAATCGTATGAATGTAATGAGTATGAGGGCA
 GTTTCAGTCATAGCTCAGATCTTATCCTGCAACAAGAAGTCTCACCAGACAGAAAGCCTTTGATTGTGA
 TGTATGGGAAAAGAACTCCAGTCAGAGAGCACATCTAGTTCAACATCAGAGCATTATACCAAGAGAAC
 TCA

ACGCGTACGCGGCCGCTCGAG – GFP Tag – GTTTAA

Protein Sequence:

>RG207727 representing NM_001009960
 Red=Cloning site Green=Tags(s)

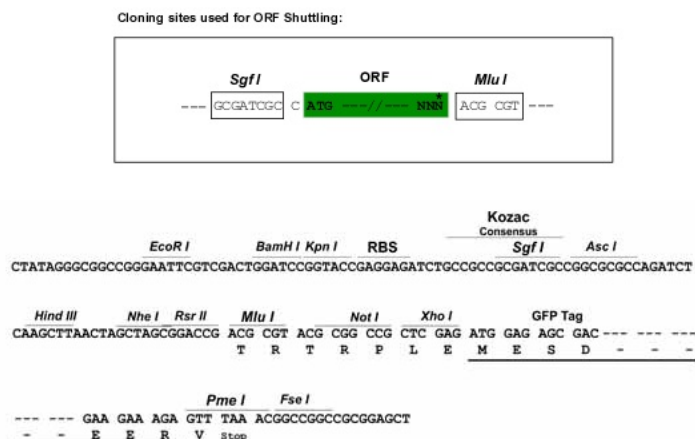
MEEIPAQEAAGSPRVQFQSLETQSECLSPPEQFVQDTEQGLTGDGETREDNKLLIPKQKISEEVHSYK
 VRVGRCLKHDITQVPETREYKSEDRLERLQEILRKFLYLEREFQITISKETFTSEKNECHEPEKSFSL
 DSTIDADQRLRIQNTDDNDKYDMSFNQNSASGKHEHLNLTEDFQSSECKESLMDLSHLNWKWESIPNTEK
 SYKCDVCGKIFHQSSALTRHQRIHTREKPYKCKECSFSQSSSLSRHKRIHTREKPYKCEASDKSCEAS
 DKSCSPSSGIIQHKKIHTRAKSYKSSCERVFSRSVHLTQHQQIHKEMPCKCTVCGSDFCHTSYLLEHQ
 VHHEEKAYEYDEYGLAYIKQGGIHFREKPYTCSECGKDFRLNSHLIQHQRIHTGEKAHECNECGKAFSQT
 SCLIQHHKMHRKEKSYECNEYEGSFSSSDLILQQEVLTRQKAFDCDVWEKNSSQRAHLVQHQSIIHTKEN
 S

TRTRPLE – GFP Tag – V

Restriction Sites:

Sgfl-MluI

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001009960.1](#), [NP_001009960.1](#)

RefSeq Size: 4585 bp

RefSeq ORF: 1476 bp

Locus ID: 79027

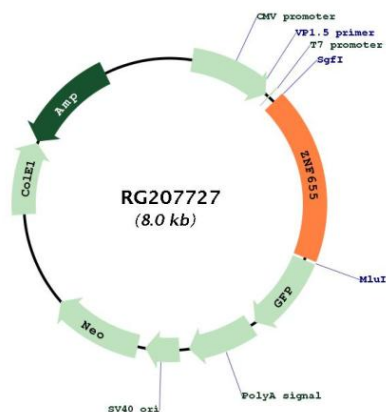
UniProt ID: [Q8N720](#)

Cytogenetics: 7q22.1

Protein Families: Transcription Factors

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 RG207727