

Product datasheet for **RC222443**

ZNF554 (NM_001102651) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF554 (NM_001102651) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF554
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC222443 representing NM_001102651
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGTCACCTGCGCCACCTGGGCCGCGCGCGGCTCCCGGCAGCTCAGCCCTCTGCCTGCCAGGAA
 CCTGCTTTTCCCAAGAGGAGAGAATGGCTGCTGGGTACCTGCCCCGCTGGTCCCAGGAATTAGTAACCTT
 TGAGGACGTGTCCATGGACTTCTCCAGGAGGAGTGGGAGTTGCTGGAGCCTGCTCAGAAGAACCTGTAC
 AGAGAGGTGATGCTGGAGAACTACAGGAACGTGGTCTCCCTGGAAGCCTTGAAGAACCAATGTACTGATG
 TGGGGATTAAAGAGGGTCCACTTTCCCAAGCACAACCTCACAAGTCACTAGTCTTCTCATGGACGGG
 GTATTTACTTTTTCAACCACTGGCTTCTCCCACTGGAGCAAAGAGAAGCCCTGTGGATAGAGGAAAA
 GGAACCTCTCAAGCCTCTGTTCAGATTGGATGACTGTACTAAGAAACCAAGACTCAACTACAAGAAGG
 TGGCTTTGCAGGAGGAACAGCCAGTGGTATAAATATGATAAAGCTTATCAGAGAAGATGGGGATGGAA
 GCAGTTAGAGGACAGCCATGAAGACCCCAAGGGCTTTTGAAGCAAAAGGCATCCCTTCAGTAGTGGCC
 GTTCCTCAGGAGAAGGCTACTGCATGGCATGGATTTGGGGAAAAATGGTAATCTGAGCCAGCCCTTGTTT
 TATCACAGGGAAGCTCTAAAGGGAACCACTTGTGTGGCAGCGAGTTAGATATTACAAGCTTGGCATCCGA
 TTCAGTCTTAAACCACCATCAGCTGGGATATGCAGATCGGAGACCTTGTGAAAGTAATGAATGTGGAAT
 GCCATCCGCCAGAACAGTCACTTTATTCAACACGGGGGAAGATGTTTGTGATTTGAAAAATGGGCAGT
 CATTGAACCACGGTATGGCCCTGACTATCCACAACAAAATCAACACGGCAGAGAAACCCCTTGAGTGCCA
 CCAGTGTGGGAAGGTGTTCAACCGGAGGCATTCTTTGAGCGAACATCAAGAATTACACGGGGGAGAAA
 CCCTACGAGTGTGAGGAGTGTGGCGAGCCTTTACGCACAGCTCCACCCTCACGCGCCATCTGAGAACTC
 ATACTGGAGAGAAGCCCTACGGGTGCGGTGAGTGCGGGAAGCCTTCAACAGGATCTCATCGTGACTCA
 GCATCAGAGGATTACACCGGGGAAAGCCCTATAAATGTGAAGACTGTGGGAAATCCTTCTGCCAGAGC
 TCTTACCTGATCTTGACAAGAGGACACACACCGGAGAGAAGCCCTACGAATGCAGTGAATGTGGAAGG
 CCTTCAGTGACCGTTCTCTCTCAACAGCAGCAGCGAACTCACACGGGCGAGAACCCTATGAATGTAA
 GCAGTGTGGGAGAGCCTTCAGCCAGAGGTCTTCCCTTGTGAGGCACGAGAGAACTCACACTGGAGAGAAA
 CCCTACAGGTGTGAGGAATGTGGAAAGCCTTCAGCCAGAGCTCATCCCTGTACACATCAGAAAACCTC
 ACAGCAGCCAGAAAACCTATAAATCATTGACTGTGGAAAGCCTTACCAGAACAGACATCTTATTGG
 ATAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC222443 representing NM_001102651
 Red=Cloning site Green=Tags(s)

MVTCAGLGRRLPAAQPSACPGTCFSQEERMAAGYLPRWSQELVTFEDVSMDFSQEEWELLEPAQKNLY
 REVMLENYRNVVLSLEALKNQCTDVGIKEGPLSPAQTSQVTSLSWTGYLLFQPVASSHLEQREALWIEEK
 GTPQASCSDWMTVLRNQDSTYKKVALQEEPASGINMIKLIREDDGGWKQLEDSDHPQGLLSQKASLHVVA
 VPQEKATAWHGFGENGNSPALVLSQSSSKGNHLCGSELDITSLASDSVLNHHQLGYADRRPCESNECGN
 AIRQNSHFIQHGGKMFVYLENGQSLNHGMALTIHNKINTAEKPFECGQKVFNRHSLSEHQRIHTGEK
 PYECQECGRAFTHSSTLTRHLRHTHTGEKPYGCEGKAFNRISSTLQHQRHTHTGEKPYKCEDCGKSFCQS
 SYLILHRTHTHTGEKPYECSECGKAFSDRSSLNQHERHTHTGENPYECKQCGRAFSSQRSSLVRHERHTHTGEK
 PYRCQECGKAFSSSSLVTHQKTHSSQKTYKIIDCGKAFYQNRHLIGY

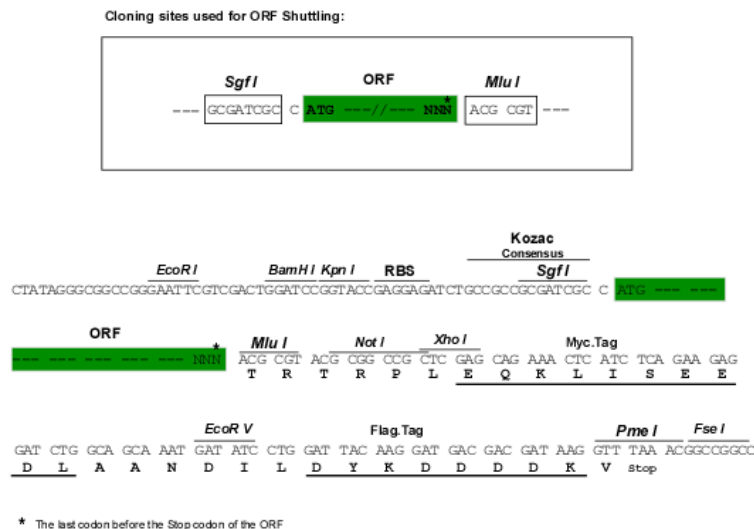
TRTRPLE**QKL**ISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8120_e08.zip

Restriction Sites:

Sgfl-MluI

Cloning Scheme:


ACCN: NM_001102651

ORF Size: 1614 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_001102651.2](#)

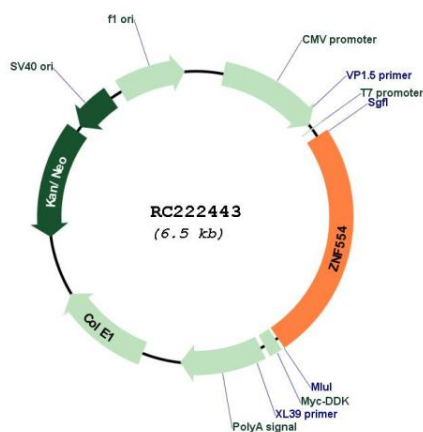
RefSeq Size: 3698 bp

RefSeq ORF: 1617 bp

Locus ID: 115196

UniProt ID: [Q86TJ5](#)
 Cytogenetics: 19p13.3
 Protein Families: Transcription Factors
 MW: 61 kDa
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC222443