

## Product datasheet for **RC225933**

### ZNF502 (NM\_001134440) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF502 (NM_001134440) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF502
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RC225933 ORF sequence, **codon optimized**.  
 Due to the complexity of NM\_001134440, the ORF clone is codon optimized for mammalian Expression.  
 The nucleotide sequence differs from the reference sequence, yet the amino acid sequence remains identical.

Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCCGCC**GCGATCGCC**

ATGCTGAACATGCAGGGCGCCGAGGAACGGGATATACGGCGGAAACCTGCCAGGGTGGTCAATAAAA  
 ACAAACCTGCCCTGGAGCAGGATGTGTGCAAAATCGATTCTCCGGGATCGTGGTAAAGCGATTCCAAGA  
 AGATGAATACCAGGATAGCACCTTTGAGGAGAAATACGCTTGCAGGGGAATGAAGGAGAACTCTCCTCGC  
 GAGATTGCCGAGTCTGCTTGTCCAAGAGGGTGGCTTCGGGCGCATTACCTTTATCCACAAGGAGGCAC  
 CACCCGAAATTATAAGTCAGGGCTACAATTTTGAAAAGAGTCTTCTGCTCACTAGCAGCCTGGTGACTAG  
 GCTGCGGTGAGCACCGAAGAGAGTCTGCACCAGTGGGAGACATCTAATATCCAGACTAACGATATTAGC  
 GACCAATCAAAGTGCCAACTCTCTGTACCCAGAAAAAGTCATGGAAATGCAATGAGTGTGGCAAGACAT  
 TCACCCAGTCACTCTTACCCAGCACCAGCGAACTCATACCGGCGAAAGGCCCTACACATGCGAGGA  
 GTGCGGCAAGGCCTTCTCACGCAGCAGTTTCTCGTCCAGCACCAGAAATCCACACAGGTGTCAAACCT  
 TACGGATGTGAGCAGTGTGGCAAACATTTAGATGCAGATCCTTCTGACCCAGCATCAGCGGATCCATA  
 CCGGCGAGAAACCCTACAAGTGTAAAGTGTGGGAATTCCTCCGCAATCATAGCCATCTGACAGAACA  
 CCAGAGAATCCATACAGGAGAGAAAGCCCTACAAGTGAACAGATGTGGGAAGCGTTCAATCAGAACA  
 CACTCATCCACCAGAGGATCCATACAGCGGAGAAAGCCTTATATTTGTAGTGAATGTGGCAGCAGCT  
 TTAGAAAACACAGCAACCTGACTCAGCACAACGGATTACACCCGGCGAGAAACCGCACAAAGTGTATGA  
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 CCAACGCATCCACACCGGTGAGCGACCGTACAATGTTTCAAGATGCGGAAAAGCCTTCATACAATCTATC  
 TGCTGATTGCCACCAGAGATCTCATACAGCGGAGAAACCATACAAGTGAATGAATGCGGAAAAGGAT  
 TTAATCAGAACACATGTTTGACCAACACATGAGAATTCACACAGGGGAGAAGCCCTATAATGTAAAGGA  
 ATGCGGTAAAGCCTTTGCCCATAGTAGCTCTTACTGAACATCAGAAACACACACTGGTGAAGGCTC  
 TACAAGTGTCTGAGTGCAGAAAAACATTTAGAAAATATGCCATCTGTCCGAACACTATCGAATCCATA  
 CAGGCGAGAAGCCTTATGAATGTATAGAATGCGGCAAATTTTTAGGCATTTCATCCGTCCTTTTCGGCA  
 TCAGAACTCCACTCCGGCGAC

**ACGCGT**ACGCGGCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:**

>RC225933 representing NM\_001134440  
 Red=Cloning site Green=Tags(s)

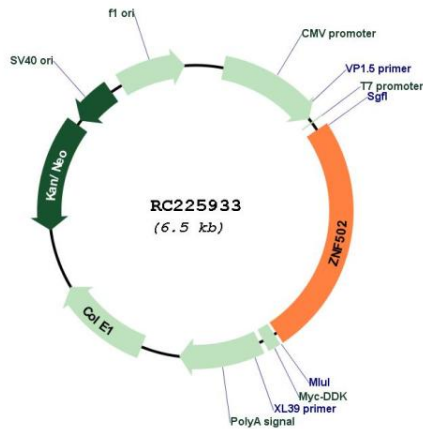
MLNMQGAEEERDIRRETCPGWVNKNKPALEQDVCKIDSSGIVVKRFQEDEYQDSTFEEKYACEGMKENS  
 EIAESCLFQEGGFGRITFIHKEAPPEIISQGYNFEKSLLLTSSLVTRLRVSTEEHLHQWETSNIQTNDIS  
 DQSKCPTLCTQKKSWKNECGKTFQSSSLTQHQRTHGERPYTCEECGKAFSRSSFLVQHQRHTGVPK  
 YGCEQCGKTFRCRSFLTQHQRHTGKPYKCNCEGNSFRNHSHL TEHQRIHTGKPYKCNRCGKAFNQNT  
 HLIIHQRIHTGKPYICSECGSSFRKHSNLTQHQRHTGKPHKCECGKTFQTKANLSQHQRHSGEKP  
 YKCECGKAFQSPSLIKHQRIHTGKPYKCECGKAFQSTPLTKHQRIHTGERPYKCECGKAFIQSI  
 CLIRHQRSHTEGKPYKNECGKGFNQNTCLTQHMRHTGKPYKCECGKAFHSSSLTEHHRHTGKEL  
 YKCECEKTFRKYAHLSEHYRIHTGKPYECIECGKFFRHSVLFHQKLSHGD

**TR**TRPLEQKLISEEDLAANDILDYKDDDDKV



Cytogenetics: 3p21.31  
 Protein Families: Transcription Factors  
 MW: 62.9 kDa  
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

**Product images:**



Circular map for RC225933