

Product datasheet for RC234052

ZNF550 (NM_001277090) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF550 (NM_001277090) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF550
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC234052 representing NM_001277090 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGATCGCC

ATGGCGGAGACGAAGGACGCAGCGCAGATGTTGGTGACCTTCAAGGATGTGGCTGTGACCTTTACCCGGG
AGGAGTGGAGACAGCTGGACCTGGCCCAGAGGACCCTGTACCGAGAGGTGATGCTGGAGACCTGTGGGCT
TCTGGTTTCACTAGGGCATCGGGTTCCCAAACCAGAGTTGGTCCACCTGCTAGAGCATGGGCAGGAGCTG
TGGATAGTGAAGAGAGGCCTCTCACATGCTACCTGTGCAGGTGACAGAGCACAAGTTCATACCGAGAGC
CAACCCTTACCCGCCAGTCTTATCTGAGCGGGCCTTTCTCCGGGAAGCCTGACTCTGGAATCTTCAAC
CTCAAGTGATTCGAGTTGGGGAGAGCTAGGGATGAGGAAGGGCTTTTGGAAATGCAGAAAAGGTAAGTG
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CAGATGATGGTCTGCACTCCAGGACATTACAAGAGTGGTTATCAGCAGATGTTCTCCATGAATGTGACTC
ACAGCAACCAGGAAAGACGCCTTGATTCATGCAGGGACAAACCCTACAAATGCAAGCAGTGTGGGAAA
GGTTTTAACAGGAAGTGGTATCTCGTTCGACATCAGAGGGTTCACACTGGAATGAAACCCTATGAATGCA
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ACCATAAAGTGCCTTGAGTGTGGGAAGGCCTTCAAACGCAGGTCTGACCTCATGCAGCACCATCCAATC
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GCCCTACAAGTGTATCGAGTGTGGGAAGGCCTTCAAACGCAGGTACACCTTCTGCAGCACCAAGGGTGC
CATACA

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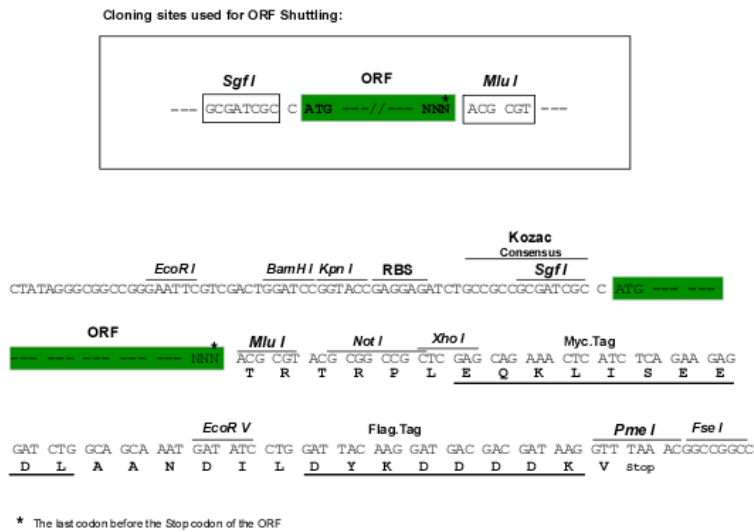
Protein Sequence: >RC234052 representing NM_001277090
Red=Cloning site Green=Tags(s)

MAETKDAAQMLVTFKDVAVTFTREEWRQLDLAQRTLYREVMLETCGLLVSLGHRVPKPELVHLLLEHGQEL
 WIWKRGLSHATCAGDRAQVHTREPTTYPPVLSERAF LRGS LTLESSTSSDSRLGRARDEEGLLEMQKGV
 TPETDLHKETHL GKVSLEGEGLGTDGDLHSRALQEWL SADVLHECDSQQPGKDALIHAGTNPYKCKQCGK
 GFNRKWYLVRHQRVHTGMKPYECNACGKAFQSSTLIRHYLIHTGEKPYKCLECGKAFKRRSYLMQHHP
 IHTGEKPYECSQCRKAFTHRSTFIRHNRTHHTGEKPFECKECEKAFSNRAHLIQHYIHTGEKPYDCMACGK
 AFRCSSELIQHRIHTGEKPYECTQCGKAFHRSTYLIQHSVIHTGEMPYKCIECGKAFKRRSHLLQHQRV
 HT

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001277090

ORF Size: 1266 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_001277090.2](#)

RefSeq Size: 4323 bp

RefSeq ORF: 1269 bp

Locus ID: 162972

UniProt ID: [Q7Z398](#)

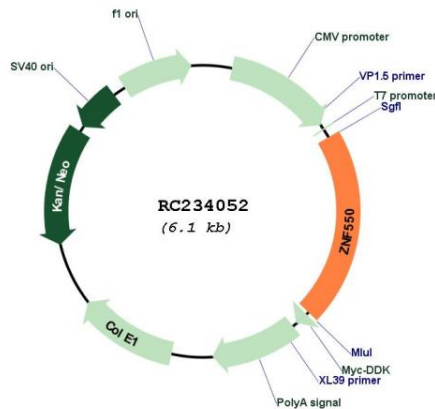
Cytogenetics: 19q13.43

Protein Families: Transcription Factors

MW: 48.8 kDa

Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC234052