

Product datasheet for **RC227935**

ZNF534 (NM_001143938) Human Tagged ORF Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | ZNF534 (NM_001143938) Human Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | ZNF534 |
| Synonyms: | KRBO3 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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ORF Nucleotide Sequence:

>NM_001143938 ORF sequence, RC227935 may differ due to SNPs.
 Blue=ORF Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCCGGATCGCC
ATGGCCCTTACTCAGGGCAATTGTCATTACAGCGATGTGGCCATAGAATTCTCTCAGGAGGAGTGGAAA
TGCCCTGGACCCTGGGCAGAAAGCTTTATACAGGGACGTGATGTTAGAGAACTACAGGAACCTGGTCTCC
CTAGGAATCTGTCTTCTGACCTGAGTGTTACCTCCATGTTGGAGCAAAAGAGAGATCCCTGGACTCTG
CAGAGTGAAGTAAAAATAATAACAATCCAGATGGCAGGGAGTGATCAAAGGTGTGAACACAGAGAAG
AGTTCTAAATTGGGAAGCAGTGCAGAAACAAGTCACTTAAAAATCAACATGGATTAACCTTTCAGTTA
CATCTGACTGAATGGCAGCCATTTCAAGCTGTAAGGAATATTTATGGATGAAGCATGTTGAGAAATCT
ATCAGTGACAATCTTCAGTTTCACCAGTTCAAATAAGTTTTTTCAGTGTCAAACCCATATTTTTAAT
AACTACAGAAATGATTTTCTTTTTCTACATTACTCCACAAGAACAGAAAGTACACATTAGGGAAAAG
CCTTATGGATGTAATGAGCATGGGAAAGCTTTCAGAGTGTCTCAAGCCTTACTAACCGTCAAGTAATC
CACATTGCAGATAAAACTTACAAATGTAGTGACTGTGGCGAGATCTTTAGTAGCAATTCAACTTTGCA
CAACATCAACGAATCCATACTGGAGAGAAGCCTTACAAATATAATGAATGTGGCAAAGTCTTCAATCAG
AATTCACACCTTGCAACAATCAGAAAATTCATACTGGACAGAAAACCTTACAATAACAAAGAATGTGGG
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CTTGCAAGGCATCGGAAAGTTCATACTGGAGAGAAAACCTTACAAATGTAATGAGTGTGGCAAGGTCTTT
ATTGGCAATTCAGCCTTGACAGCATAGGAAAATTCATACTGGGGGAGGCGTTACAAATGTAATGAA
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TACGAATGTATAGACTGTGGCAAGGTCTTCAGGCACAAGTCTTCCCTAACCTATCACTGTAGAATTCAT
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CATAGGAAAATTCATACTGGAGAGAAGCTTACAAATGTAATGAATGTGGCAAGGTCTTCCGTCAGAAT
TCACACCTTGCAACAATAGGGATTCATACTGGAGAGAAGCCTTACAGTTGTAATGAATGTGGCAAG
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ATTCATACTGGAGAGAAGCTTACAAATGTAATGAATGTAGCAAGGTCTTCAGTCGGAATTCACGCCTT
GCACAACATAGGAATTCATACTGGAGTGAAGCCTTACAGTTGTAATGAATGTGGCAAGGTCTTTAGT
AAAAATCCATCCTAGTACAACATTGCAGTATTCATACCAGAGAGAAGCCT
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
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Protein Sequence:

>Peptide sequence encoded by RC227935
 Blue=ORF Red=Cloning site Green=Tag(s)

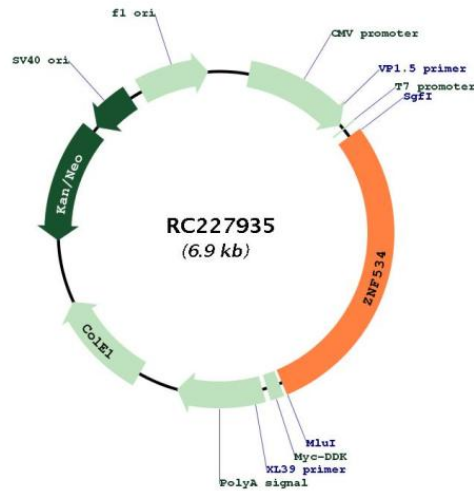
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MALTQQQLSFSVDAIEFSQEWEKCLDPGQKALYRDVMLENYRNLVSLGICLPDLSVTSMLQKRPWTL
QSEVKIINPDGREGIKGVNTEKSSKLGSSAGNKS LKNQHGLTLQLHLTEWQPFQAVRNIYGCKHVEKS
ISDNSSVSPVQISFFSVKTHIFNNYRNDFLFSTLLPQEQQVHIREKPYGCNEHGKVFVRVSSSLTNRQVI
HIADKTYKSDCGEIFSSNSNFAHQHRIHTGEKPYKYNECGKVFVNQNSHLAQHQKIHTGQKPYNNKECG
KVFSSHAYLAQHRKIHTGEKPYKCECGKAFVCSSSLTAHLVIHTGEKPYDCKEKGKVFVRHKSSLTTHQ
TVHTGERPYKNECGKFSRIAFLARHRKVHTGEKPYKNECGKVFIGNSRLARHRKIHTGGRRYKNE
CGKAFRTCSDLTAHLIHTGEKPYECIDCGKVFVRHKSSLTYHCRKIHTGEKPYKNECGKVFVQNSNLQR
HRKIHTGEKLYKNECGKVFVRQNSHLAQHRDIHTGEKPYSCNECGKVFRRNSHLVRHRNVHTGEKPYSC
NECGKVFVRNSHLARHRNIHTGEKPHSCNECGKVFVRNSHLARHRKIHTGEKLYKNECSKVFVRNSRL
AQHRNIHTGVKPYSCNECGKVFVSKNSILVQHCSIHTREKP
TRTRPLEQKLISEEDLAANDILDYKDDDDKV
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Restriction Sites: SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001143938

ORF Size: 1983 bp

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| 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: | <ol style="list-style-type: none"> 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_001143938.3 |
| RefSeq Size: | 5203 bp |
| RefSeq ORF: | 1986 bp |
| Locus ID: | 147658 |
| UniProt ID: | Q76KX8 |
| Cytogenetics: | 19q13.41 |
| MW: | 75.8 kDa |
| Gene Summary: | May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function] |