

Product datasheet for **RC234532**

ZNF 559 (ZNF559) (NM_001202406) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF 559 (ZNF559) (NM_001202406) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF 559
Synonyms:	NBLA00121
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>RC234532 representing NM_001202406
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCGCATAACGGCCGCATCTTAACAGCGGTTCCCGTTGGCGTCTGAGGAACAGCATCTCTGCCTTCC
 TGTTACGGTGACCTTCGCTTGGTGTCTCCTGGCCTCAGCAACCTGACAATTCTGTCGTGCCGATCA
 TCTTTCTCAAGATGTTTTCTGTCTTCATGAGTCAAATTTGAAGAGGAAAGGATGGTGGCTGGTGGTTG
 ACAAATTACTCTCAGGACTCAGTGACCTTTGAGGATGTGGCTGTGGACTTCACCCAGGAGGAGTGGACTT
 TGCTGGATCAAACCTCAGAGAACTTATACAGAGATGTGATGCTGGAGAATAAAGAACTAGTTGCAGT
 AGATTGGGAGAGTCATATTAATACCAAATGGTCAGCACCTCAGCAGAATTTTTGCAGGGGAAAACATCC
 AGTGTGGTGGAAATGGAGAGAAACCATTTGGAGAGGAACTGTTTGACTTAAACCAATGTGAAAAAGCCT
 TGAGTGAACACTCATGCCTTAAGACTCACAGGAGAACTACTTTAGAAAAGAAAACCTGTGAGTGAATCA
 ATGTGAAAAAGCCTTCAGAAAACCTCTATCTTTACTTTACACAAGAAAACCTGATATCGGAGAGGAACTT
 CCTAACTGTAATCAATGTGAAACAGCCTTCAGCCAACATCTACATCTTGTGTTGCAAGAAAACCTAGCCAAA
 ATCTACATCTTGTGTTGCAAGAAAACCTCACACTCAAGAGAAAACCATATAAATGCAGTGACTGTGAAAAAGG
 CTTACCTTCTCCTCACACCTCAGAGAATGTGTAAGAATTTATGGTGGAGAGAGACCATATACTCATAAG
 GAGTATGTCGAAACCTTTTCTATTCTACAGCCCTTTTGTACACATGCAAACTCAAGATGGAGAAAAAT
 TCTATGAATGTAAGCATGTGGGAAACCTTCACTGAGTCGTATCTTACTCAACATTTAAGAAGTCA
 TAGTAGAGTGTACCTATAGAACATAAGAAATTTGGCAAAGCCTTTGCTTTTTCCCAGATCTTGCTAAA
 CATATAAGACTTAGAACTAGAGGAAAACACTATGTTTGAATGAATGTGGCAAAGAATTTACTTGTCTTCT
 CAAAACCAACATTCACATAAGGGTTCACACTGGAGAAAACCGTATGAGTGAACAAATGTGGGAAAGC
 CTTCACTGATTCATCAGGTCTTATAAAACACAGCGCAACTCACACTGGAGAAAAGCCTTATGAATGTAAG
 GAATGTGGGAAAGCTTTTGTAACTCTTACATCTTACTGTACATATGAGAACTCACACTGGTGGAGAAC
 CTTATCAATGTAAGGAATGTGGAAAAGCCTTTATTAATTCCTTCTCTTTAAAAGTCACATGCAGACTCA
 TCCTGGTGTAAAACCTATGACTGTCAACAGTGTGGGAAAGCCTTCATTCGATCCTCATTCTTATTTCGA
 CATTGAGAAAGTCACAGTGCAGAAAGCCTTTTGAATGTGAGGAATGTGGGAAAGCCTTTAGATACTCT
 CGCACCTTAGTCAACATAAAAAGAATACATACAGGGGAGAGGCCATATAAATGTCAAAGTGTGGCAAGC
 CTTCACTATCTCATCAGGCCTTACAGTACACATGAGAACTCACACTGGTGAACGGCCCTTTGAATGTCAG
 GAATGTGGGAAAGCCTTTACTCGGTCCACATATCTTATTCGACATCTAAGAAGTCATAGTGTGGAGAAAC
 CATATAAGGAATGTGGGAAACCTTTAGTAATTCCTCATGCCTTACTGAATGTGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC234532 representing NM_001202406
 Red=Cloning site Green=Tags(s)

MRITAAILTARSRWRLRNSISAFLLFTVTFAWCPPGLSNLTILSCPDLHSQDVFCLHESKFEERVMVAGWL
 TNYSQDSVTFEDVAVDFTQEEWLLDQQTQRNL YRDVMLENYKNL VAVDWESHINTKWSAPQQNFLQKTS
 SVVEMERNHFGEELDFNQCEKALSEHSCLKTHRRTYFRKKTCECNQCEKAFRKPSIFTLHKKTDIGEEL
 PNCNQCEAFSQHLHLVCKKTSQNLHLVCKKHTQEKPYKCSDEKGLPSSSHLRECVRIYGGERPETHK
 EYVETFSHTALFVHMQTQDGEKFYECKACGKPFTESSYLQHLRTHSRVLP I EHKKFGKAFSPDLAK
 HIRLRTRGKHVYCNCEGKEFTCFSKLNIHIRVHTGEKPYECNKCGKAFTDSSGLIKHRRHTHTEKPYECK
 ECGKAFANSSHLTVHMRHTHTEKPYQCKEKGKAFINSSSFKSHMQTHPGVKPYDCQCGKAFIRSSFILIR
 HLRSHSAERPFECECGKAFRYSSHL SQHKRIHTGERPYKCQKCGQAFSISGLTVHMRHTHGERPFECQ
 ECGKAFTRSTYLIRHLRSHSVEKPYKECGQTFSSSCLTECV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001202406

ORF Size: 1806 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_001202406.1](#), [NP_001189335.1](#)

RefSeq Size: 3009 bp

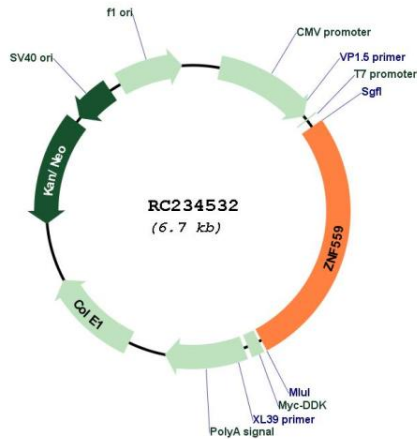
RefSeq ORF: 1809 bp

Locus ID: 84527

Cytogenetics: 19p13.2

Protein Families: Transcription Factors
 MW: 70.1 kDa
 Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC234532