

Product datasheet for **RC239019**

ZNF570 (NM_001300993) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF570 (NM_001300993) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF570
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC239019 representing NM_001300993
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGC**C

ATGTGCATGTATTGTTCTTTCTGGACTTCTCGATTGTCGGGAGTGGGCTGAGGAGTGGCGTGTGGGTCT
 CCGGAAGCTCGTCGAGGCCATCTGTGTACTCCGGTGCAGTGGAGTCATCTGAGGCCACTGCTATTTT
 CCAAGAGAAGAGCCAGGAGGAAGAAGAATGGCTGTTGGGCTTCTTAAAGCCATGTACCAGGAGTTGGTG
 ACCTTCAGAGATGTGGCTGTAGACTTCTCCAAGAGGAATGGGATTGTCTGGATTCTTCTCAAAGACATC
 TGTACAGTAATGTGATGCTAGAGAACTACAGGATCTTGGTATCACTGGGACTTTGCTTTTCCAAACCAAG
 TGTGATATTATTGTTGGAACAAGGAAAAGCACCTGGATGGTGAAGAGAGAGCTGACAAAAGGCTTGTGC
 TCAGGCTGGGAGCCTATATGTGAGACTGAAGAATTAACCCCAAAGCAGGATTTTTATGAAGAACATCAAT
 CCCAGAAGATAATAGAAACACTTACAAGCTATAACCTTGAATACTCCAGTTTGAGAGAAGAGTGGAAATG
 TGAGGGCTATTTTGAAAGGCAACCAGGTAAATCAGAAGGCGTGTTCAGGAAGAGATAATCACTCATGAA
 GAACCCCTTTTGTATGAGAGAGAACAAGAATATAAATCTTGGGGAAGTTTTCATCAGAACCCACTGCTTT
 GTACACAAAAGATAATCCCCAAAGAGGAGAAAAGTACATAAACATGACACACAAAAGAGAAGCTTTAAAAA
 AAATTTAATGGCTATTAAGCCCAAGAGTGTCTGTGCAGAGAAGAACTTTTGAATGTAATGACTGTGAA
 AAAGTCTTCAGCCAGAGTTCATCCCTTACTCTTCATCAAGAATTCATACTGGAGAGAAACCTATAAAT
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 GTTCATACTGGAGAAAAACCTTACGAATGTAAGGTATGTCGAAAAGCCTTCAGCCAGTTTGCCTACCTTG
 CTCACATCAGAGAGTTCACACGGGAGAGAAAACCTATGAATGTATCGAATGTGGGAAAGCATTAGCAA
 CAGATCATCCATTGCTCAACACCAGAGAGTTCATACAGGAGAGAAAACCTATGAATGTAATGTCTGTGGG
 AAAGCATTTAGCCTTCGTGCATACCTTACTGTACATCAGAGAATACATACTGGAGAGAGACCTATGAAT
 GTAAGGAATGTGGGAAGGCCTTTAGCCAGAATTCACACCTTGTCTCAACATCAGAGAATTCATACTGGAGA
 AAAACCTTATAAGTGTCAAGGAATGTAGGAAAGCATTTCAGCCAGATTGCCTACCTTGTCTCAGCATCAAAGA
 GTTCATACTGGAGAGAAACCTATGAATGTATTGAATGTGGGAAGGCTTTTAGCAATGACTCGTCCCTTA
 CTCACATCAGCGAGTTCATACTGGAGAGAAACCTTATGAATGTACTGTTGTGGAAAGGCTTTTAGTTA
 CTGTGGATCCCTTGCCCAACATCAGAGAATTCATACTGGAGAGAGACCCTATGAATGTAAGGAATGCAAA
 AAAACCTTCAGGCAGCATGCACACCTTGTCTATCACCAGAGAATTCACATTGGGGAGTCACTGTCACCAC
 CCAACCCAGTCAATCACCAAGTCTTA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC239019 representing NM_001300993
 Red=Cloning site Green=Tags(s)

MCMYLFDFSIIVGSLRSGVWVSGSSSQAICTVPRVSESEATAISQEKSQEEERMAVGLLKAMYQELV
 TFRDVAVDFSQEEWDCLDSSQRHLYSNVMLENYRILVSLGLCFSPKSVILLLEQKAPWMVKRELTKGLC
 SGWEPICTEELTPKQDFYEEHQSKIIETLTSYNLEYSSLREEWKCEGYFERQPGNQKACFKEEIITHE
 EPLFDEREQEYKSWGSFHQNPLLCTQKIIPKEEKVHKHDTQKRSFKKNLMAIKPKSVCAEKKLLKNDCE
 KVFSQSSSLTLHQRIHTGEKPYKCIIEGKAFSQRSNLVQHQRHTGEKPYECKECKERKAFSQNAHLVQHLR
 VHTGEKPYECKVCRKAFSQFAYLAQHQRVHTGEKPYECIEGKAFSNRSSIAQHQRVHTGEKPYECNVCG
 KAFSLRAYLTVHQRHTGERPYECKEKGAFSQNSHLAQHQRHTGEKPYKQCECKERKAFSQIAYLAQHQR
 VHTGEKPYECIEGKAFSNDSSLTQHQRVHTGEKPYECTVCGKAFSYCGSLAQHQRHTGERPYECKECK
 KTRFRQHAHLAHQRHIGESLSPNPVNHQVL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM 001300993

ORF Size: 1776 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_001300993.2](#), [NP_001287922.1](#)

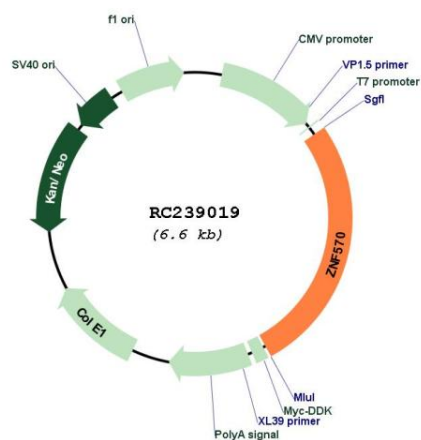
RefSeq Size: 2023 bp

RefSeq ORF: 1779 bp

Locus ID: 148268

Cytogenetics: 19q13.12
MW: 68.9 kDa
Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC239019