

Product datasheet for **RC239075**

ZNF571 (NM_001290314) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF571 (NM_001290314) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF571
Synonyms:	HSPC059
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC239075 representing NM_001290314
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGCCCCACTTGTGGTGACTTTAGGGATGTGGCCATTGACTTCTCTCAGGAGGAATGGGAATGCCTGG
 ACCCTGCTCAGAGGGACTTGACAGGGATGTGATGTTGGAGAAGTACAGCAACCTGATCTCATTGGACTT
 GGAAATCCAGTTGTGTGACCAAAAAGTTATCTCCAGAAAAGGAAATTTATGAAATGGAATCACTCCAGTGG
 GAGAATATGGGGAACGTATCAACCATCACCTTCAATACAATGGTCTTGAGACAATATGGAGTGCAAAAG
 GCAACTTAGAGGGTCAAGAAGCAAGTCAGGAAGGGCTTTACATGTGTGCAAAATTACCTGTGAAGAAAA
 GGCCACTGAAAGTCATTCAACCTCTTCTACTTTTCATCGGATAATTCTACCAAGGAAAAATGTACAAA
 TGTAAGGAATGCAGACAAGGTTTCAGCTACCTGTATGCCTTATTCAACATGAGGAAAAATCATAATATAG
 AAAAATGCTCTGAAGTTAAGAAACACAGGAATACCTTTAGCAAAAAGCCAAGCTATATTCACATCAGAG
 AATTCAGACTGGTGAGAAACCTTATGAGTGTATGGAATGTGGAAGGCCTTTGGTCGACTTCTGATCTC
 ATTCACATCAGAAAAATTCATACTAATGAAAAACCTTATCAGTGTAAACGATGTGGGAAAGCTTTTATTC
 GTGGTTCACAGCTCACTGAACATCAGAGAGTTCATACAGGAGAGAAACCATATGAATGTAAGAAATGTGG
 AAAAGCCTTTAGTTATTGTTTCAATATACTCTTCATCAGAGAATTCATAGTGGTGAAAAACCTATGAA
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 AGTTCATACTGGTGAAAAGCCTTACATATGTAAGAATGTGGGAAAGCCTTTTATGTGCCTCCCAACTG
 AATGAACATCAGAGAATTCATACAGGAGAGAAACCTATGAATGTAAAGAATGCGGGAAGACCTTTTTTC
 GTGGCTCACAACCTTACTTACCACCTGAGAGTTCATTAGGTGAGAGACCTTATAAATGCAAGAATGTGG
 GAAAGCCTTTATTCTAATTCTAATCTTATTCAACATCAAAGAATTCATACCGGAGAGAAGCCCTACAAA
 TGTAAGGAATGTGGAAGGCCTTTATTTGTGGCAAACTTAGTGAACATCAGAGAATTCATACAGGTG
 AGAAACCTTTGAATGTAAGGAATGTGGAAGGCCTTTATTCTGTTGCATATCTTACTCAACATGAGAA
 AATTCATGGTGAGAAACATTATGAATGTAAGGAATGTGGAAGACCTTTGTACGTCTACACAACCTTACA
 TATCATCAAAGAATTCATACAGGTGAAAAGCCCTACAAATGTAAGGAATGTGACAAGGCCTTTATTTATG
 GCTCACAACCTTAGTGAACATCAGAGAATTCACAGAGGTGAAAACCTTATGAATGTAACAGTGTGGGAA
 GGCTTTTATTCTGGCTCACACCTTACTGAACATCTGAGAACTCATACTGGAGAGAAACCTATGAATGT
 AAGGAATGTGGGAGGCCTTTAGTCGTGGCTCAGAACTTACTCTGCATCAAAGGATCCATACTGGTGAGA
 AACCTATACATGTGCCAGTGTGGTAAAGACTTAGATGTCCTTCAACACTTACTCAACATACAAGGCT
 TCATAAT

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC239075 representing NM_001290314
 Red=Cloning site Green=Tags(s)

MPHLLVTRFDVAIDFSQEEWECLDPAQRDLYRDVMLENYSNLISLDLESSCVTKKLSPEKEIYEMESLQW
 ENMGKRINHHLQYNGLDNMECKGNLEGQEQASQGLYMCVKITCEEKATESHSTSTFHRIIPTKEKLYK
 CKECRQGSYLSCLIQHEENHNIEKCSEVKKHRTFSKKPSYIQHQRIQTGEKPYECMECGKAFGRSTDL
 IQHQKIHTNEKPYQCNAACGKAFIRGSQLTEHQRVHTGEKPYECKCGKAFSYCSQYTLHQRIHSGEKPYE
 CKDCGKAFILGSQLTYHQRIHSGEKPYECKCGKAFILGSHLTQHVRHTGEKPYICEKCGKAFILCASQL
 NEHQRIHTGEKPYECKCGKTFFRGSQLTYHLRVHSGERPYPKCKEKGKAFISNSNLIHQHQRIHTGEKPYK
 CKECGKAFICGKQLSEHQRIHTGEKPFECKCGKAFIRVAYLTQHEKIHGEKHYECKEKGKTFVRATQLT
 YHQRIHTGEKPYKCKECDKAFIYGSQLEHQRIHRGEKPYECKQCGKAFIRGSHLTEHLRHTGEKPYEC
 KECGRAFSRGSSELTLHQRIHTGEKPYTCVQCGKDFRCPSQLTQHTRLHN

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001290314

ORF Size: 1827 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.

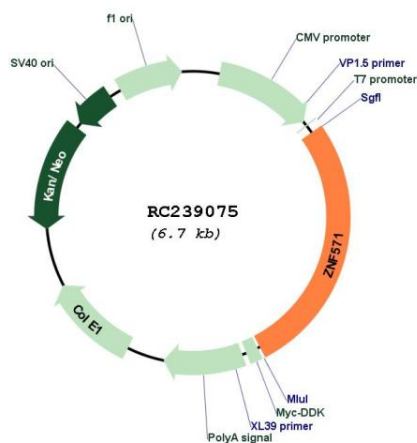
RefSeq: [NM_001290314.1](#), [NP_001277243.1](#)

RefSeq Size: 2411 bp

RefSeq ORF: 1830 bp

Locus ID: 51276
UniProt ID: [Q7Z3V5](#)
Cytogenetics: 19q13.12
MW: 71.2 kDa
Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]

Product images:



Circular map for RC239075