

Product datasheet for **RC230410**

ZNF573 (NM_001172690) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF573 (NM_001172690) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF573
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**ORF Nucleotide
Sequence:**

>RC230410 representing NM_001172690
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGTTTCCAGTATTGGAACCCACCAAGTAGGACTGATCAGGTCTTACAATTCTAAAACCATGACCTGTT
 TTCAGGAATTAGTGACATTCAGGGATGTGGCCATAGACTTCTCTCGGCAGGAGTGGGAATACCTGGACCC
 TAATCAGAGGGACTTATACAGGGATGTGATGTTGGAGAACTATAGAAACCTGGTATCACTGGGAGGACAT
 TCCATTCTAAACCAGTTGTGGTTGATTACTGGAGCGAGGAAAAGAGCCCTGGATGATTTTGAGGGAAG
 AAACACAGTTCACAGATTTGGATTTACAGTGTGAGATAATCAGCTACATAGAAGTACCCACTTATGAAAC
 AGATATATCCTCTACACAACCTCAGAGCATATATAAGAGAGAGAACTCTATGAATGTAAGAAATGTCAG
 AAGAAATTTAGTAGTGGTTATCAACTTATTCTACATCACAGGTTTCATGTCATTGAGAGACCCTATGAAT
 GCAAAGAGTGTGGGAAGAAGCTTCGTAGTGGCTATCAACTTACTCTACATCAAAGATTTCTACTGGTGA
 GAAACCTATGAATGTACAGAATGTGGGAAGAAGCTTTAGAAGTGGTTATCAGCTGACTGTGCATCAGAGA
 TTTCATACTGGTGAGAAAACCTATGAATGTAGGCAGTGTGGGAAGGCCTTTATATATGCCTCACACATTG
 TTCAACATGAGAGAATTCACACTGGTGGGAAGCCGTATGAATGTCAGGAGTGTGGGAGGGCCTTTAGTCA
 AGGTGGACATCTTAGAATTCATCAGAGAGTTCATACTGGCGAAAAACCATATAAATGTAAGGAATGTGGG
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 GTGAGAAATGTGGAAAGGCCTTTAGAAGAGGTCAACAGCTTACTGTACATCAGAGAGTTCACACTGGTAA
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 ATTCATAAAGGTGAAAAACCTATGAATGTAAGGAGTGTAAAGAAACCTTTACTTTGTATAGAAATCTTA
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 ACTCATACTGGTGAGAAACCTATAAATGTAAGGAATGTGGCAAGACCTTTAGCTTGCATGGATATCTTA
 ATCAACATCAGAAAATTCATACTGGTATGAAACCTATGAATGTAAGGTATGTAGAAAAACCTTTACTTT
 CTATAGAAATCTTACTCTACATCAAAGTATTCATACTGATGAGAAACCTTTTGAATGTAAGGAATGTGGG
 AAGACCTTTAGACGTAGTTCACACCTTACTGCACATCAGAGCATTCATGCTGATAAAAAACCTATGAAT
 GTAAAGAATGTGGAAAGGCCTTTAAATGTATGGCTACCTTACCAACATCAGAAAATTCATACTGGTGG
 AAAACCTTATGAATGTAAGAATGTGGGAAGGCCTTCAGTCGTGCTTCAAACCTTGTTCACATGAGAGA
 ATTCATACTGGTGAGAAACCTATGTGTGAAGCAGTGTGGGAAAACCTTCAGATATGGTTCAGCCCTTA
 AAGCCCATCAGAGAATTCATAGGAGCATAAAAGTG

ACGCGTACGCGGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC230410 representing NM_001172690
 Red=Cloning site Green=Tags(s)

MFPVLEPHQVGLIRSYNSKTMTCFQELVTRDVAIDFSRQEWYLDPNQRDLYRDVMLENYRNLVSLGGH
 SISKPVVVDLLERGKEPWWILREETQFTDLQCEIISYIEVPTYETDISSTQLQSIYKREKLYECKKCQ
 KKFSSGYQLILHHRFHVIERPYECKECGKNFRSGYQLTLHQRHTGEKPYECTECGKNFRSGYQLTVHQR
 FHTGEKTYECRQCGKAFIYASHIVQHERIHTGGKPYECQECGRAFSQGGHLRIHQRVHTGEKPYCKECCG
 KTFSSRNLVEHQFHTDEKPYICEKCGKAFRRGHQLTVHQRVHTGKKPYECKECGKGYTTASYFLLHQR
 IHKGGKPYECKECKTFTLYRNLTRHQNHTGEKLFECKQCGKTYTTGSKLFQHQKTHTEKPYECKECG
 KAFSLYGYLKQHQKIHTGMKFHECKECKTFTLYRNLTRHQNHTGKKLFECQECGKAYSTGSNLIQHRK
 THTGEKPYCKECCGKTFSLHGYLNQHQKIHTGMKPYECKVCRKTFYRNLTRHQSHTDEKPFHECKECG
 KTFRRSSHLTAHQSIHADKKPYECKECGKAFKMYGYLTQHQKIHTGGKPYECKECGKAFSRASNLVQHER
 IHTGEKPYVCKQCGKTFRYGSALKAHQRIHRSIKV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001172690

ORF Size: 1995 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_001172690.1, NP_001166161.1

RefSeq Size: 2257 bp

RefSeq ORF: 1998 bp

Locus ID: 126231

UniProt ID: Q86YE8

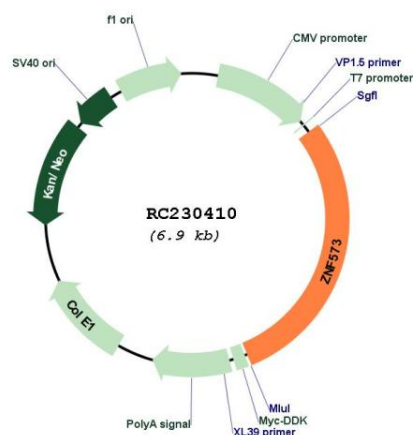
Cytogenetics: 19q13.12

Protein Families: Transcription Factors

MW: 78.2 kDa

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

Product images:



Circular map for RC230410