

Product datasheet for **RC230409**

ZNF573 (NM_001172691) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF573 (NM_001172691) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	ZNF573
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



[View online »](#)

ORF Nucleotide
Sequence:

>RC230409 representing NM_001172691
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGTTTCCAGTATTGGAACCCACCAAGTAGGACTGATCAGGTCTTACAATTCTAAAACCATGACCTGTG
AATTAGTGACATTCAGGGATGTGCCATAGACTTCTCTCGGCAGGAGTGGGAATACCTGGACCCTAATCA
GAGGGACTTATACAGGGATGTGATGTTGGAGAACTATAGAAACCTGGTATCACTGGGAGGACATTCCATT
TCTAAACCAGTTGTGTTGATTTACTGGAGCGAGGAAAAGAGCCCTGGATGATTTTGAGGGAAGAAACAC
AGTTCACAGATTTGGATTTACAGTGTGAGATAATCAGCTACATAGAAGTACCCACTTATGAAACAGATAT
ATCCTCTACACAACCTCAGAGCATATATAAGAGAGAGAACTCTATGAATGTAAGAAATGTCAGAAGAAA
TTTAGTAGTGGTTATCAACTTATTCTACATCACAGTTTCATGTCATTGAGAGACCCTATGAATGCAAAG
AGTGTGGGAAGAACCTTCGTAGTGGCTATCAACTACTCTACATCAAAGATTTCACTGGTGAGAAACC
CTATGAATGTACAGAATGTGGGAAGAACCTTAGAAGTGGTTATCAGCTGACTGTGCATCAGAGATTTTCAT
ACTGGTGAGAAAACCTATGAATGTAGGCAGTGTGGGAAGGCCCTTATATATGCCTCACACATTGTTCAAC
ATGAGAGAATTCACACTGGTGGGAAGCCGTATGAATGTCAGGAGTGTGGGAGGGCCCTTAGTCAAGGTGG
ACATCTTAGAATTCATCAGAGAGTTCATACTGGCGAAAAACCATATAATGTAAGGAATGTGGGAAGACT
TTTAGTAGGCGCTCAAATCTTGTGAACATGGGCAGTTTCATACTGATGAGAAGCCATACATATGTGAGA
AATGTGGAAAGGCCCTTAGAAGAGGTACCAGCTTACTGTACATCAGAGAGTTCACACTGGTAAAAAGCC
ATATGAGTGTAAAGAATGTGGGAAGGGCTATACCACTGCCTCATACTTTCTTCTACATCAGAGAATTCAT
AAAGGTGGAACCCCTATGAATGTAAGGAGTGTAAAGAAACCTTACTTTGTATAGAAATCTTACTCGGC
AAACTCTTTCAACATCAGAAAACCTCATACTGGCGAGAAAACCTATGAATGCAAGGAATGCGGAAAAGGCC
TTTAGCTTGTATGGCTACCTTAAACAACATCAGAAAATTCATACTGGCATGAAACACTTTGAATGTAAGG
AGTGTAAAAAACCTTTACTTTGTATAGAAATCTTACTCGACATCAGAATATTCACACTGGTAAGAAACT
TTTTGAATGTCAGGAATGTGGGAAGCCCTATAGTACTGGCTCAAACCTTATTCAACATCGGAAAACCTCAT
ACTGGTGAGAAAACCTATAAATGTAAGGAATGTGGCAAGACCTTAGCTTGCATGGATATCTTAATCAAC
ATCAGAAAATTCATACTGGTATGAAACCCTATGAATGTAAGGTATGTAGAAAACCTTTACTTTCTATAG
AAATCTTACTCTACATCAAAGTATTCTACTGATGAGAAACCTTTGAATGTAAGGAATGTGGGAAGACC
TTTAGACGTAGTTCACACCTTACTGCACATCAGAGCATTTCATGCTGATAAAAAACCTATGAATGTAAG
AATGTGGAAAGGCCCTTAAAATGTATGGCTACCTTACCCAACATCAGAAAATTCATACTGGTGGAAAACC
TTATGAATGTAAGAAATGTGGGAAGCCCTTCAGTCGTGCTTCAAACCTTGTTCACATGAGAGAATTCAT
ACTGGTGAGAAAACCTATGTGTGTAAGCAGTGTGGGAAAACCTTCAGATATGGTTCAGCCCTTAAAGCCC
ATCAGAGAATTCATAGGAGCATAAAAGTG

ACGCGTACGCGGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC230409 representing NM_001172691
 Red=Cloning site Green=Tags(s)

MFPVLEPHQVGLIRSYNSKTMTCELVTFRDVAIDFSRQWEYLDPNQRDLYRDVMLENYRNLVSLGGHSI
 SKPVVVDLLERKPEPMMILREETQFTDLDLQCEIISYIEVPTYETDISSTQLQSIYKREKLYECKKCQKK
 FSSGYQLILHHRFHVIERPYECKECGKNFRSGYQLTLHQRFHTEKPYECTECGKNFRSGYQLTVHQRFH
 TGEKTYECCRQCGKAFIYASHIVQHERIHTGGKPYECQECGRAFSQGGHLRIHQRVHTGEKPYCKECKCGKT
 FSRNSNLVEHGQFHTDEKPYICEKCGKAFRRGHQLTVHQRVHTGKKPYECKECGKYTTASYFLLHQRIH
 KGGKPYECKECKKFTLYRNLTRHQNIHTGEKLFECKQCGKTYTTGSKLFQHQKTHTEKPYECKECKGA
 FSLYGYLQHQKIHTGMKHFECKECKKFTLYRNLTRHQNIHTGKLFECQECGKAYSTGNSLIQHRKTH
 TGEKPYCKECKGKTFSLHGYNQHQKIHTGMKPYECKVCRKTFTFYRNLTLHQSHTDEKPFECKCGKT
 FRRSSHLTAHQSIHADKKPYECKCGKAFKMYGYLTQHQQIHTGGKPYECKECKGAFSRASNLVQHERIH
 TGEKPYVCKQCGKTFRYGSALKAHQRIHRSIKV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

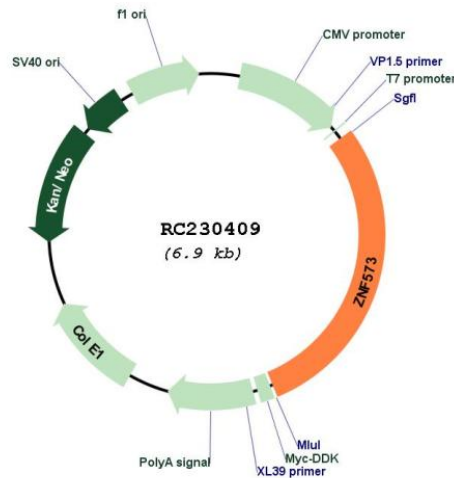
Restriction Sites:

SgfI-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM_001172691

ORF Size: 1989 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_001172691.1](#), [NP_001166162.1](#)
RefSeq Size: 2251 bp
RefSeq ORF: 1992 bp
Locus ID: 126231
UniProt ID: [Q86YE8](#)
Cytogenetics: 19q13.12
Protein Families: Transcription Factors
MW: 77.9 kDa
Gene Summary: May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]