

Product datasheet for **SC112441**

ZNF574 (NM_022752) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF574 (NM_022752) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF574
Synonyms:	FP972
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_022752, the custom clone sequence may differ by one or more nucleotides

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ATGACTGAGGAATCAGAGGAGACAGTCCTGTACATTGAGCACCGCTATGTCTGCTCTGAGTGAACCAGC
TGTATGGATCACTGGAAGAGGTGCTTATGCACCAAACTCCCACGTGCCACAGCAGCACTTTGAGCTGGT
GGGCGTGGCTGATCCCGAGTCACTGTGGCCACAGACACAGCTTACGGCACGGGCTCTATCAGACCCTT
GTGCAGGAGAGCCAGTACCAGTGCCTGGAGTGTGGTCAACTGCTGATGTACCCAGCCAGCTCCTGGAGC
ACCAGGAGCTGCACCTGAAGATGATGGCACCCAGGAGGAGTGCAGCTGAGCCATCACCTAAGGCACC
ACCCCTGAGCTCCAGCACCATCCACTACGAGTGTGTGGATTGCAAGGCTCTCTTTGCCAGCCAGGAGCTC
TGGCTGAACCACCGGCAGACGCACCTCCGGGCCACACCCACCAAGGCTCCTGCCCTGTTGTCTGGGGT
CCCCAGTTGTTCTAGGGCTCCTGTGGGCCAGGCCGAGTGGCTGTGGAGCACTCATACCGAAAGGCAGA
AGAGGGTGGGGAAGGGGCGACTGTCCATCTGCCGCTGCCACCACCACTGAGGTAGTGACTGAGGTGGAG
CTGCTCCTCTACAAGTGTCTGAGTGTCCAGCTCTCCAGCTGCCGGCGGATTTCTGGAGCACCAGG
CCTACTACTTCCCTGCTCCTGTACCCGAGTCTCAGGAGCCTGCCTTACAGCAGGAGGTGCAGGCCTCGTC
ACCTGCAGAGGTGCCTGTGTCTCAGCCTGACCCCTTGCCAGCTTCTGACCACAGTTACGAGCTGCGCAAT
GGTGAAGCCATTGGGCGGGATCGCCGGGGGCGAGGGCCCGAGGAACAACAGTGGAGAAGCAGGCGGGG
CAGCCACACAGGAGCTCTTCTGCTCAGCCTGTGACCAGCTTTTTCTCACCCACCAGCTACAGCAGCA
CCTGCGGAGTCACCGGAGGGCGTCTTTAAGTGCCCTGTGCAGTGTGTCTTCCCTAGCCCTTCCAGT
CTGACCAGCACCTTGGAGACCATAGCAGCGAGTCACTTCTGTGTAGACTGTGGCCTGGCCTTTCG
GCACAGAGGCCCTCCTCTGGCCACCGGCGAGCCACACCCGAATCCTCTGCATTATGTCCATGTGG
GAAGACCTTTGTCAACCTTACCAAGTTCCTTTATCACCGGCGTACTCATGGGGTAGGGGGTGTCCCTCTG
CCACACACCAAGTCCCACAGAGGAACCTGTCAATGGTTTCCCTGAGCCAGCCACAGAGACTGAGCAG
AGCCAGAGGCCCTGAGCCCTGTGTCTGAGGAGACTCAGCAGGGCCCGCTGCCCCAGGCACCTACCG
CTGCCTCCTGTGCAGCCGTGAATTTGAAAGGCCTTGCAGCTGACCCGGCACCAACGTTTTGTGCATCGG
CTGGAGCGGCCATAAATGCAGCATTTGTGGCAAGATGTTCAAGAAGAAGTCTCACGTGCGTAACCACC
TGCGCACACACAGGGGAGCGGCCCTTCCCTGCCCTGACTGCTCCAAGCCCTTCAACTCACCTGCCAA
CCTGGCCCGCCACCGGCTCACACACACAGGAGAGCGGCCCTACCGGTGTGGGGACTGTGGCAAGGCTTTC
ACGCAAAGCTCCACTGAGGCAGCACCGCTTGGTGCATGCCAGCACTCCCCTACCGCTGCCAGGAAT
GTGGGGTGCCTTTTACCCTCCTTACCCTGCTCATGCACCGCTACCATCACACAGGTGAATACCCTA
CAAGTGTGCGAGTGCCCGCTCCTTCTGTGCGTGGCTGCTGGAGGTGCACCAGCTCGTGGTCCAT
GCCGGGCCAGCCACCGCTGCCATCCTGTGGGGCTGCCTTCCCCTCCTCACTGCGGCTCCGGGAGC
ACCGCTGTGCAGCCGCTGCTGCCAGGCCACCGCGCTTTGAGTGTGGCACCTGTGGCAAGAAAGTGGG
CTCAGTGTCTCGACTGCAGGCACACGAGGGGCCCATGCAGCTGCTGGGCTGGAGAGTCTGGTAAG
GAGCCCCCTGCCCTCGAGCCCCACGGGCCACTCGTGCACCAGTTGCCTCTCCAGCAGCCCTTGAAGCA
CTGCTACAGCATCCCCTGCGGCCCTGCCCGCCCGGGGTCTAGAGTGCAGCGAGTGAAGAAGCTGTT
CAGCACAGAGACGTCACTGCAGGTGCACCGGCATCCACACAGGTGAGCGGCCATACCCATGTCCAGAC
TGTGGCAAAGCGTTCGTGAGTACCCACTGAAAGACCACCGGCGCTGCACACAGGTGAGCGGCCCT
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AGGCGAACGACCTACTCCTGCCCTGACTGTGGCAAGAGCTACCGCTCCTTCTCCAACCTTGAAGCAC
CGCAAGACCCATCAGCAGCAGCATCAGGAGCTGTGCGGAGCAGCTGGCAGAGGCGGAGGCTGCCGTTG
GCCTGGCCGTATGGAGACTGCTGTGGAGGCGCTACCCCTGGTGAAGCCATTGAGATCTACCCTTGGC
CGAGGCTGAGGGGTCCAGATCAGTGGCTGA
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_022752 unedited
 GTTACAATTTGTATACGACTCACTATAGGCGGCCGCGATTCCGGCACGAGGGGGTGGGGAA
 GGGGCGACTGTCCCATCTGCCGCTGCCACCACCACTGAGGTAGTGACTGAGGTGGAGCTG
 CTCCTCTACAAGTGCTCTGAGTGCTCCCAGCTCTCCAGCTGCCGGCGGATTTCCCTGGAG
 CACCAGGCCACTCACTTCCCTGCTCCTGTACCCGAGTCTCAGGAGCCTGCCTTACAGCAG
 GAGGTGCAGGCCCTCGTCACCTGCAGAGGTGCCTGTGTCTCAGCCTGACCCCTTGCCAGT
 TCTGACCACAGTTACGAGCTGCGCAATGGTGAAGCCATTGGGCGGGATCGCCGGGGGCGC
 AGGGCCCGGAGGAACAACAGTGGAGAAGCAGCGGGGCAGCCACACAGGAGCTCTTCTGC
 TCAGCCTGTGACCAGCTCTTTCTCTACCCACCAGCTACAGCAGCACCTGCGGAGTCAC
 CGGGAGGGCGTCTTTAAGTGCCCTGTGCAGTCGTGTCTTCCCTAGCCCTTCCAGTCTG
 GACCAGCACCTTGGAGACCATAGCAGCGAGTCACACTTCTGTGTGACTGTGGCCTG
 GCCTTCGGCACAGAGGCCCTCCTCTGGCCACCAGGCGAGCCACACCCCGAATCCTCTG
 CATTATGTCCATGTGGGAAGACCTTTGTCAACCTTACCAAGTTCCTTTATCACCGGCGT
 ACTCATGGNGTAGGGGTGTCCCTCTGCCACAACACCAGTCCCACCAGAGGAACCTGTC
 ATTGGTTTCCCTGACCCACCCAGCAGAGACTGGAGAGCCAGAGCCCTGAGCCCTGT
 GTCTGAGGAGACCTCAGCAGGGCCGCTGCCCCAGCACCTACCGCTGCCTNCTGTGCCA
 CCGTGAATTTGGAAGGCCCTG

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_022752 unedited
 TCTGCACCGCGCGCCGAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTTGTGGCAACTC
 AGTCTTTATTGATGGTTTCATTTTTGGGGTACCAGTGCTAAGAGGTGGAAGGTGGGGGG
 GCACCTTTATGTGTGTC AAGGACCCAGAGCACCCCTCACGAGAGAATAAATCCAATT
 TAGAACTTACAAGTGGTGGGGATGGGAAGAGGAAGGGACACAGTATGTACAGATGCTTA
 AGGGGATGCTGGAGGGCCTTCAGCAACAGGGAATGGAGGTGCCAAAGAGGAAGTCCGGCA
 GAGTCAGCCACTGATCTGGACCCCTCAGCCTCGGCCAGAGGGTAGATCTCAATGGCTTC
 CACCAGGGGTAGCGCCTCCACAGCAGTCCATGACGGCCAGGCCAACGGCAGCTCCGC
 CTCTGCCAGTGTGCCGACAGCTGCCTGATGCTGTCTGATGGGTCTTGGGTGCTT
 CCAGAGGTTGGAGAAGGAGCGGTAGCTCTTGCCACAGTCAGGGCAGGAGTAGGGTCGTT
 GCCTGTGTGGATCGGGCATGTTCTGCCAGGCGCATGGAGATGGCAAAGGCCTTGCCACA
 CACTTCACAGGCAAAGGGCCGCTCACCTGTGTGCAGGCGCGGTGGTCTTTCAGTGGGT
 ACTCTGACGGAACGCTTTGCCACAGTCTGGACATGGGTATGGCCGCTCACCTGTGTGGAT
 GCGCCGGTGCACCTGCAGTGACGTCTCTGTGCTGAACAGCTTCTTGCACCTCGCTGCACTC
 TAGACCCCGCNGCGGNCAGGGGCCAGGGGATGCTGTANCAAGTCTTTCAAGGGCTGCT
 CGAGAGCAACTGNTGCACGATGGCCGTGGGCTCAAGGGCAGGGGCTCCTTACCAAGACT
 CTCAGGCCACAGCTCATGGGCGCTCGGNGCCTGCATCGAGCACTTACCCACNTTCNGC
 CCAGTTGCCC

Restriction Sites:

NotI-NotI

ACCN:

NM_022752

Insert Size:

2560 bp

OTI Disclaimer:

Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).

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_022752.1](#), [NP_073589.1](#)

RefSeq Size: 3167 bp

RefSeq ORF: 1185 bp

Locus ID: 64763

UniProt ID: [Q6ZN55](#)

Cytogenetics: 19q13.2

Domains: zf-C2H2

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