

Product datasheet for **SC105373**

ZNF574 (AK027895) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF574 (AK027895) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF574
Synonyms:	FP972
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for AK027895, the custom clone sequence may differ by one or more nucleotides

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GTGCAAGGGGAGCCGTGGCCCGGGCCCGGGCGTGGAGACGGCGGAAGCAGCCAGGGCCTTGCTGCCG
CCATGACTGAGGAATCAGAGGAGACAGTCTGTACATTGAGCACCCTATGTCTGCTGAGTGCAACCA
GCTGTATGGATCACTGGAAGAGGTGCTTATGCACCAAACTCCCACGTGCCCCAGCAGCACTTTGAGCTG
GTGGCGTGGCTGATCCCGGAGTCACTGTGGCCACAGACAGCTTCAGGCACGGCCTCTATCAGACC
TTGTGCAGGAGAGCCAGTACCAGTGCCTGGAGTGTGGTCAACTGCTGATGTCACCAGCCAGCTCCTGGA
GCACCAGGAGCTGCACCTGAAGATGATGGCACCCAGGAGGCAGTGCCAGCTGAGCCATCACCTAAGGCA
CCACCCCTGAGCTCCAGCACCATCCACTACGAGTGTGTGGATTGCAAGGCTCTCTTTGCCAGCCAGGAGC
TCTGGCTGAACCACGGCAGACGCACCTCCGGCCACACCACCAAGGCTCCTGCCCTGTTGCTCCTGGG
GTCCCCAGTTGTTCTAGGGCCTCCTGTGGGCCAGGCCGAGTGGCTGTGGAGCACTACACCGAAAGGCA
GAAGAGGGTGGGAAGGGGGGACTGTCCATCTGCCGCTGCCACCACCACTGAGGTAGTGACTGAGGTGG
AGCTGCTCCTCTACAAGTCTCTGAGTGTCCCAGCTCTCCAGCTGCCGGCGGATTTCTGGAGCACCA
GGCCACTCACTTCCCTGCTCCTGTACCCGAGTCTCAGGAGCCTGCCTTACAGCAGGAGGTGACGGCCCCG
TCACCTGCAGAGGTGCCTGTGTCTCAGCCTGACCCCTTGCCAGCTTCTGACCACAGTTACGAGCTGCGCA
ATGGTGAAGCCATTGGGCGGGATCGCCGGGGCGCAGGGCCCGGAGGAACAACAGTGGAGAAGCAGGCGG
GGCAGCCACACAGGAGCTCTTCTGCTCAGCCTGTGACCAGCTCTTCTCTCACCCACCAGCTACAGCAG
CACCTGCGGAGTCAACGGGAGGGCGTCTTAAAGTGCCCTGTGCAGTGTGTCTCCCTAGCCCTTCCA
GTCTGGACCAGCACCTTGGAGACCATAGCAGCGAGTCACTTCCCTGTGTGTAGACTGTGGCCTGGCCTT
CGGCACAGAGGCCCTCCTCCTGGCCCGCGGCGAGCCACACCCGAATCCTCTGCATTCATGTCCATGT
GGGAAGACCTTTGTCAACCTTACCAAGTCTCTTATCACCGGCTACTCATGGGGTAGGGGTGTCCCTC
TGCCACAAACACCAGTCCCACCAGAGGAACCTGTATTGGTTTCCCTGAGACAGCCCCAGCAGAGACTGG
AGAGCCAGAGGCCCTGAGCCCTGTGTCTGAGGAGACCTCAGCAGGGCCGCTGCCCCAGGCACCTACC
GCTGCCTCCTGTGCAGCCGTGAATTTGAAAGGCCTTGCAGCTGACCCGGCACCAACGTTTTGTGCGTCG
GCTGGAGCGGGCCATAAATGCAGCATTGTGGCAAGATGTTCAAGAAGAAGTCTCACGTGCGTAACCAC
CTGCGCACACACAGGGGAGCGGCCCTCCCTGCCCTGACTGCTCCAAGCCCTTCAACCCACCTGCCA
ACCTGGCCCGCCACCGGCTCACACACAGGAGAGCGGCCCTACCGGTGTGGGACTGTGGCAAGGCTTT
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TGTGGGGTGCCTTTTACCGTCTTACCGCTGCTCATGCACCGTACCATCACACAGGTGAATACCCTT
ACAAGTGTGCGAGTGCCTCCGCTCCTTCTGTGCGTGCCTGCTGGAGGTGCACCAGCTCGTGGTCCA
TGCCGGGCGCCAGCCCCACCGCTGCCATCCTGTGGGGTGCCTTCCCTCCTCACTGCGGCTCCGGGAG
CACCGTGTGCAGCCGCTGCTGCCAGGCCACCGCGCTTTGAGTGTGGCACCTGTGGCAAGAAAGTGG
GCTCAGCGCTCGACTGCAGGCACACGAGGCGGCCATGCAGTGTGGCCTGGAGAGGTCTGGCTAAG
GAGCCCCCTGCCCTCGAGCCCCACGGGCCACTCGTGCACCAGTTGCCTCTCCAGCAGCCCTTGGAAACA
CTGCTACAGCATCCCCTGCGGCCCTGCCCGCCCGGGGTCTAGAGTGCAGCGAGTGAAGAAGCTGTT
CAGCACAGAGACGTCACTGCAGGTGCACCGCGCATCCACACAGGTGAGCGGCCATACCCATGTCCAGAC
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AGGCGAACGACCTACTCCTGCCCTGACTGTGGCAAGAGTACCCTCCTTCTCCAACCTCTGGAAGCAC
CGCAAGACCCATCAGCAGCAGCATCAGGCAGCTGTGCGGCAGCAGCTGGCAGAGGCGGAGGCTGCCGTTG
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CGAGGCTGAGGGGTCCAGATCAGTGGCTGACTTGCCTGACTTCTCTTTGGCACCTCCATTCCCTGTT
GCTGAAGGCCCTCAGCATCCCCTTAAAGCATCTGTACATACTGTGTCCCTTCTCTTCCCATCCCCACCA
CCTTGAAGTTCTAAATTGGATTTATTCTCTCGTGAAGGGGTGCTCTGGGGTCTTGACACACATAAAG
GTCCCCCCCCACCTTCCACTCTTAGCACTGGTACCACCAAAATGAAACCATCAATAAAGACTGAGTTG
CCAGC
    
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for AK027895 unedited</p> <pre>CAATAATTTTGTAAACGACTCACTATAGGGGCGGCCGGAATTCGCACGAGGAGGCTAC GGAGCAGGCGAGAGGGCGACGGCGAGAGCTAGAGCGGGCGCAGCGTTAGGGTGGCCGTGCA AGGGGAGCCGTGGCCCGGGCCGGGGCGTGCGAGACGGCGGAAGCAGCCAGGGCCTTGC TGCCGCCATGACTGAGGAATCAGAGGAGACAGTCTGTACATTGAGCACCCTATGTCTG CTCTGAGTGCAACCAGCTGTATGGATCACTGGAAGAGGTGCTTATGCACAAAACTCCCA CGTGCCCCAGCAGCACTTTGAGCTGGTGGCGTGGCTGATCCCGGAGTCACTGTGGCCAC AGACACAGCTTCAGGCACGGGCCTCTATCAGACCCTTGTGAGGAGAGCCAGTACCAAGT CCTGGAGTGTGGTCAACTGCTGATGTACCCAGCCAGCTCCTGGAGCACCAGGAGCTGCA CCTGAAGATGATGGCACCCAGGAGGCAGTGCCAGCTGAGCCATCACCTAAGGCACCACC CCTGAGCTCCAGCACCATCCACTACGAGTGTGTGGATTGNCAGGCTCTCTTTGCCAGCCA GGAGCTCTGGTGAACCACCGGCAGACGCACCTCCGGGCCACCCACCAAGGCTCTGC CCCTGTTGCTCTGGGTCCCAATTGTTCTAAGGCCTCCTGTGGCCAGGCCGATTGGC TGTGGAGCACTTATACCGAAAGGCAAAAAAGGTGGGGGAGGGGCAACTGTCCATCTTG CCCTGCCCCCCACTGAGGTATTGACCGAGGTGGACCGCCCCCTAAATGCCTCAGGTG CTCCCAACTTTTCCACTTCCGNCGGGATTCTCTGGANACNCCCNNAATTTTCNAGTTC ATTTCCAAATTCAAAAACCCGCTTAAACCAGAAGGTGGAGCTTTTTTTTCTGGGT</pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for AK027895 unedited</p> <pre>ATTATGTACCGCGTGCCGAATTCTANATCGAGTTTTTTTTTTTTTTTTTTTTTTGGCAACT CAGTCTTTATTGATGGTTTTATTTTTGGGGTACCAGTGCTAAGAGGTGGAAGGTGGGGG GGCACCTTTATGTGTGCAAGGACCCAGAGCACCCCTCACGAGAGAATAAATCCAAT TTAGAACTTACAAGGTGGTGGGGATGGGAAGAGGAAGGGACACAGTATGTACAGATGCTT AAGGGGATGCTGGAGGGCCTTACGAACAGGAATGGAGGTGCCAAGAGGAAGTCCGGGC AGAGTCAGCCACTGATCTGGACCCCTCAGCCTCGGCCAGAGGGTAGATCTCAATGGCTT CCACCAGGGGTAGCGCTCCACAGCAGTCTCCATGACGGCCAGGCCAACGGCAGCCTCCG CCTCTGCCAGTGCTGCCGCACAGCTGCCTGATGCTGCTGCTGATGGGTCTTGCGGTGCT TCCAGAGGTTGGAGAAGGAGCGGTAGCTCTTGCCACAGTCAGGGCAGGAGTAGGGTGGT CGCCTGTGTGGATGCGGCGATGTTCTGCCAGGCGCATGGAGATGGCAAAGGCCTTGCCAC ACACTTACAGGCAAAGGGCCGCTCACCTGTGTGCAGGCGCCGGTGGTCTTTCAGTGGG TACTCTGACGGAACGCTTTGCCACAGTCTGGACATGGGTATGGCCGCTCACCTGTGTGGA TGCGCNCGTGCCCTGCAGTGACGCTCTGTGCTGAACAGTCTTGTGACTCGCTGCACTC TAAACCCNNGCGCGGGCAAGGGCCGAGGGGATGCTGTANCANTGCTTTCAGGGCTGC TTGNAAGGCACTGGGTGCACCANTGGCCCGTGGGGCTCNAGGGGCGAGGGGCTCTTT ACCAGNAACTCTCAGCCANCANCTGCATGGGCCGCTCTGGGCT</pre>
Restriction Sites:	NotI-NotI
ACCN:	AK027895
Insert Size:	3250 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: [AK027895.1](#)

RefSeq Size: 3015 bp

RefSeq ORF: 3015 bp

Locus ID: 64763

Cytogenetics: 19q13.2

Domains: zf-C2H2

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