

Product datasheet for **SC100158**

ZNF564 (NM_144976) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF564 (NM_144976) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF564
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_144976, the custom clone sequence may differ by one or more nucleotides

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ATGGACTCAGTGGCCTCTGAGGATGTGGCTGTGAACTTCACACTTGAGGAGTGGGCTTTGCTGGATCCTT
CCCAGAAGAACTCTACAGAGATGTGATGCGGGAAACCTTTAGAACTGGCCTGTGTAGGAAAAAATG
GGAAGACCAGAGCATTGAAGATTGGTACAAAAATCAGGGGAGAATTTAAGAAATCATATGGAAGAGGGA
CTCAGTGAAAGTAAAGAATATGATCAATGTGGAGAAGCCTTCAGTCAGATTCTCAATCTTAATCTGAACA
AGAAAAATTCCTACTATAGTAAGACCATGTGAATGTAGTTGTGTGGGAAAGTCTTCATGCATCATTATC
CCTTAGTAGGCACATCAGATCTCACCTTGGACACAAACCATATGACTATCAGGAATATGGAGAGAAACCA
TATAAATGTAAGCAGTGTGGGAAAGCCTTCAGTTCTTGTCAATCCTTTGAAAGACATGAAAGAACTCACA
CTGGTGAGAAACCTATGCATGTCCGAATGTGGGAAAGCCTTCATTTCTCTCCCAAGTGTTCGAAGACA
CATGATTAAGCACACTGGAGATGGACCATATAATGTCAGGAATGTGGGAAAGCCTTTGATCGCCCAAGT
TTATTTTCAGATACATGAAAGAACTCACACTGGAGAGAAACCTATGAATGTCAGGAATGTGCAAAAGCTT
TCATTTCTCTTCAAGTTTTCAAAGACACATGATTAGGCACACTGGAGATGGACCTTATAAATGTCAGGA
ATGTGGAAAGCCTTTGACCGCCCAAGTTATTTGCAATACATGAAAGAACTCATACTGGAGAGAAACCC
CATGAATGTAAACAGTGTGGGAAAGCCTTCATTTCTTTCACAAATTTTCAAAGTCATATGATTAGGCACA
CTGGGGATGGACCTTATAAATGTAAGTATGTGGGAGAGCCTTTATTTTCCAGTTATGTTGCAAGACA
TGAAAGAACTCATACTGGGAGAGAAACCTATGAATGTAATAAATGTGGTAAACCTTCAGTTCTTCCAGT
AATGTTGCAACACATGAAAGGACTCACACTGGAGAGAGCCCTATGAATGTAAGGAATGCGGGAAAGCCT
TCATTTCTCTCCCAAGTGTCCGAAGACACATGATAAGCACACTGGAGATGGACCTTATAAATGTCAGGT
ATGTGGTAGAGCCTTTGACTGTCCAGTTTCATTTCAAATACACGAAAGAACTCACACTGGAGAGAAACCC
TATGAATGTCAGGTATGTGGGAAAGCCTTCATTTCTTAAAAGGATTAGAAAACATATGATACTGCACA
CTGGAGATGGACCTTATAAATGTCAGGTATGTGGTAAAGCCTTTGACTGTCCTAGTTCTGTCCGAACACA
TGAAAGAACTCATACTGGAGAGAAACCTATGAATGTAAGAATGTGGGAAAGCATTCAATTATGCCAGT
TCCATTAGAATACATGAAAGAACTCATACCGAGAGAAACCTATGAATGTAAGCAATGTGGAAAAACGT
TCAGTTATTCCAGTTCTTTCAAAGACATGAAAGAGCTCATAATGGAGATAAACCTTACGTAAAGAAATGT
GGGAAAGCTTTCATTTATCACACAACCTTCGAATACCTGTGAAATGAATAG
    
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_144976 unedited

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GTTCAACATTTGTNATACGACTCATATAGGCGGCCGCGNAATTCGCACGAGCTCCATGGC
CCCGGTGGCTCCACCGCAGCGTCTGGCGCGCTGGGACCTGCACAGGCCGGAGAGAGCCGT
AGGCAGGACCCCGGACACCTGGAAGCCAGGAAATGGACTCAGTGGCCTCTGAGGATGT
GGCTGTGAACTTCACACTTGAGGAGTGGGCTTTGCTGGATCCTTCCCAGAAGAACTCTA
CAGAGATGTGATGCGGGAAACCTTTAGAACTGGCCTGTGTAGGAAAAAATGGGAAGA
CCAGAGCATTGAAGATTGGTACAAAAATCAGGGGAGAATTTAAGAAATCATATGGAAGA
GGGACTCAGTGAAAGTAAAGAATATGATCAATGTGGAGAAGCCTTCAGTCAGATTCTCAA
TCTTAATCTGAACAAGAAAATTCTACTATAGTAAGACCATGTGAATGTAGTTTGTGTGG
GAAAGTCTTCATGCATCATTATCCCTTAGTAGGCACATCAGATCTCACCTTGGACACA
ACCATATGACTATCAGGAATATGGAGAGAAACCATATAAATGTAAGCAGTGTGGGAAAGC
CTTCAGTTCTTGTCAATCCTTTGAAAGACATGAAAGAACTCACACTGGTGAGAAACCTA
TGCATGTCCGAATGTGGGAAAGCCTTCATTTCTCTCCCAAGTGTTCGAAGACACATGAT
TAAGCACACTGGAGATGGACCATATNAATGTCAGGAATGTGGGAAAGCCTTTGATCGCCC
AAGTTTATTTTCAGATACATGAAAGAACTCACACTGGAGAGAAACCTATGAATGTCANGAAT
GTGCAAAAGCTTCATTTCTTTNCAAGTTTCAAGAACATGATTAGCACACTGAGATGGAC
TTATAATGTCANGATGTGAAAGCCTTTGACGCCCAAGTTATTCGAATCTGAAGACTCTCT
GGGA
    
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3' Read Nucleotide Sequence:	>OriGene 3' read for NM_144976 unedited <pre> NNNTTTGGTTCGACTATGNNACCGCGCCGCATNCTAGGATCGNATTTTTTTTTTTTTTTT TTTAANCAACAAACATTTATTTCTCATGGTTTGGGAGGCTGGGAAGTCCAATATCAAGGC ACTGGCATAGTCCATGTCTGGTAAGGGCCTGCTTCCCGTTCAAAGATAGCTATCTTCTC ACTGCACCCTCTCATGGTGAAGGGCAAAGCTAGCTCTCTAGGGATTCTATCAGGAACT AATCCCAATTACAAGGCCTCCATCTTCATGATGTCCTCCAATCCTAAAAACCACAGAGA CAGGGCCTCCAAATACCATCACATTGTGGGGGAGAGGGGGGCACGGGGTAAGGTTTCA ACATATGAATCTGAGGTGGCATACACTCAGCCAAACATTACACCTCTGGCCCCCAAAT CCATGTATCACATGTAAATATATTCTCTCATCCCAAAGGCCTCAAAAGTCTCAGTTA ATTCCAGCATGAAGCCTAATGTTTAAACTCAAACCTCAAAGTGTCTCATCTCAATATCACAT CACTCAGATATGGATGAGACTCAATTCATGCTGAGGCAAATCTTCTTCAGCTCCGAAC CGGTGAAAACCAAAGTATGATGATTTTCCAAATATGAGACAGGCACAGGATAGAGATT CCTATTCCAAAGTGAGAAACAGGAGAAAGGGGTGAGCTCCCAACAAGTCTGAAACCA GAAAGCAAAGTGAAGACTTTCCATATTCTTTAGATATGTAGATACTTGTAGACCTGCTCT CCACTATTCATTTTACAGGTATTCGAAGTTGTGTGATAAATGAAAGCTTTCCACATT CTTTACGTAAGGTTTATCTCCCATATGAAGCTCTTCATGTCTTTGAA </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_144976
Insert Size:	2750 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_144976.2 , NP_659413.1
RefSeq Size:	2553 bp
RefSeq ORF:	1662 bp
Locus ID:	163050
UniProt ID:	Q8TBZ8
Cytogenetics:	19p13.2
Domains:	KRAB, zf-C2H2
Protein Families:	Transcription Factors
Gene Summary:	May be involved in transcriptional regulation.[UniProtKB/Swiss-Prot Function]