

## Product datasheet for **SC102205**

### ZNF264 (AK097167) Human Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF264 (AK097167) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF264
Mammalian Cell Selection:	None
Vector:	<u><a href="#">pCMV6-XL5</a></u>
E. coli Selection:	Ampicillin (100 ug/mL)



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**Fully Sequenced ORF:** >NCBI ORF sequence for AK097167, the custom clone sequence may differ by one or more nucleotides

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GCTTGCCATCAGTCTCTGCCATTTCTTCTGTCTCCACAGACATGGTCTGTGTAGTTGTTCTGCACAC
TACCCGCTCTCGCCCCTTCTCATTCCCTCACTCCACGGACAGCTACAGGAGGGCTTCCATCATTGTCC
TCTTACTTCTTGTAGAACTTTGTGCTGCTGACCACCCTCTGAACCAAACTTCTTTCTGGTCTTG
AAAGTTGCTGTCTTTCTCCTCCAGAGGGTCTGTGTCTTCTTCCAACCTTAAACATTTTTGTTTCCAG
AATCCATCATTGGCCATTGCTTTTTCACTTGCCATGAGCTCTGTGAATGAGATGGTCTCTGCTGAAGACA
TTTACTTTCAATGATCTACAGAATTTCCCAAATCTATGTCTCCAGACTGGATGTTTCTCACGTCTGTGGC
CCACTGGGCATCTTCTGCACTTTCTCTGCAATTTGTAACACTGAGCCTGTATGCGTGTCTATGTGGCCAT
GGCCCTGGCCGTGGGATGCACCATAATTATAATGAGAGCAGGCAAATGTCATGTGGCTATGTATGAGA
CATTGTTGTGAATGTTTTACATGCATCAGCTCTTCAACATTTACAGCATCTGTGTGTGGTAGGTAATGT
TGTTTCTTCAATTTGCAGAGCAGAATATAGATAGGCTCAGGTTAAGAATTTGCCAAGGTTACACAGTT
ATGAAGTTTGATTTAGGAATGGGAGGCCAGTAGACTGGCTTCCAGAATTCATGTCTTTAACCACTTTAT
TGCTTCTCATGTTGGGGGTTTTGTTTTCTGGTCACTATTTTTACTAAAGTTGATTAACAATGCTATAAT
CTGTTACTCTCATTGACAATACATCTTACTGTTTCTCAACTTGAGGAAGGTAACCAAGCCACTCT
TTAATGGGTGCAATATCTGTTGTAACATGTAGAAGATACAGTGTCTGGGTTTGAGGACAGGGGAGTGG
GAAAACAGTAGTGGGAAGCGGTAAGACATGCATCTGGCTTAGGAGTGTGGAAGTGCCTAAAGATCAGG
GTGAATTTCCCAAATTTGAATCTTGTGGCCAAGCCACATTGCAACCACCTTTTTTCTTACCTCGTC
CCCACATCCAGGCACTGCCCCATCTGTTCATCCACCTTTTTTTTTAGTAGACCCTCCATATATGTGTG
TGTTTTGGTGAATGGCCACACAGCAAAGTTATTTTTATTGCAATTTGTTGTTGTTGTTGAGACACA
GAGCTCACACTCTGCCACCAGACTGAAGTGCAGTGGTGGATCTCGTTCACTGCAACCTCCATCCCC
CCATGTTCAAGCAATTCTCCTGCCTCAGCTCCCAAGTAGCTGGGATTACAGGCATGGGCCACCATGCC
GGTAATTTTTGTATTTTTGTAGACACGGGTTTTACCATGTTGGCCAGGCTGGTCTCACACTCTGAC
CTCAGGTGATCCACCCGCTCGGCCTCCCGAAGTGTGGCATTACAGGCATGAGCCACCACCCAGCCT
TTATTGCAATTTTTGGTCCCTCACAGAATGTTTACCATGAAGCTGTGCGTATAGGTGGTACCATGTATG
ACATACCTTGACCTCAAAGATAATCTACCTGGGCTTTTTTTGTTGTTGTTTGGAGATGGAGTCTCACT
CTGTCACCCATGCTGGTGTGCAGTGGCGTGATCTTGGCTCACAGCAGCCTCTGCCTCCCGGGTTCAAGCG
ATTCTCCTGCCTCAGCCTCCTGAGTAGCTGGGACTACAGGCGCTGCGACCACCCAGCTAATTTTTGT
ATTTTTAGTAGTAGTGGGATTTACCATGTTGGCCAGGATGGTCTCCACCTCCTGACTTCATGATCCACC
CGCCTCGGCCTCCCAAAGTGTGGGATTACAGGCGTGAGCCACCCACCTGGCCTACCTGGGCTTTTTTG
GACAGATGACATGATTTTAGAAATGTTATGAATGACTGTCTTGGGATCCTCAAGAACACCCCCAGGTT
TGACGATTTGCTGAGAAGACTCAGGTCTCAGCATTCTGTCACTCAACAGCTATGATTTACTGCAGCAA
AAAAATACAAAGCAAATAGTAAAGGGAAAAAAGCCAAAATTCAGAGAAAACCAGGCACAATCTTCTGAGT
CTTGTTTCAGTGAAGTCACAGGATGTGCCTATTTAAGTTCATCTGGTACTTATGACAACATGCTAT
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ACAATTTGGACTTCCAGAAGGTTAGCAGGGGTTTCAGCTTTTTCAGCTGAAAACGTTATCCCCCTTTCAGC
TGGGGGGGAAAAAAGCCACCGAAAAACAGGGCACTGAGCTACTCCTGTTTTGGGTGGGTGGAGCAGTAGT
AAGCCTCCAAAAATCTAAGGTCCACACTCCAGCAAGGGTGAACCTTGCAAACCTAAAAGGATAGCAGTC
TCCAACCTGCTGTTTTATACAGTGAATTAAGTGGTACTAAAATGCTATATAAGTCAAATTTACGTAACAT
TAAGCAAATAATTTTTTTTTCAGCAAAAAAATAATGGTCATGACTTTGTGGTGAAGGCTTATGTAATGATT
GTAATAAATTCAGGTGGCTCAGCCTGTGATACCAGCACTTTTGGGAGGCTGAGGCGGGTGGATCACTTG
AGGTCAGGAGTTGAGACCAGCCTAGCCAACATGGTGAATCCCATCTCTAC
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<b>5' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 5' read for AK097167 unedited</p> <pre>TCAGCATTAGGTAATACGACTCACTATAGGGCGGCCGCGAAATTCGCACGAGGCCTCGTG CCGAATTCGGCACGAGGCATGCTGGTGTGCAGTGGCGTGATCTTGGCTCACAGCAGCCTC TGCCTCCCGGGTTC AAGCGATTCTCCTGCCTCAGCCTCCTGAGTAGTGGGACTACAGGT GCCTGCGACCACCCAGCTAATTTTTGTATTTTAGTAGTAGTGGGATTCACCATGTT GGCCAGGATGGCCTCCACCTCCTGACTTCATGATCCACCCGCCTCGGCCCTCCAAAGTGC TGGGATTACAGGCGTGAGCCACCCGACCTGGCCTACCTGGGCTTTTCTGGACAGATGTAC ATGATTTTAGAAATTGTTATGAATGACTGTCTTGGGATCCTCAAGAACACCCCCAGGTTT GACGATTTGCTGAGAAGACTCAGGTCTCAGCATTCTGTACTACTCAACAGCTATGATTTA CTGCAGCANAAAAATACAAAGCAAATAGTAAAGGGAAAAAGCCAAAATTCAGAGAAAACC AGGCACAATCTTCTGAGTCTTGTTCAGTGAAGTCACAGGATGTGCCTTATTTAAGTTTC ATCTGGTACTTATGACAACACATGCTATATGTCCACTGTGAAGCTTATTAGAGACTCAGT GCCAGCGTTTTTATTGGGCATGTTTTCTAGCACATCACTACATTCTGGATTCCAGAAGTT ACCAGGAGTCCACCTTTTCAGCTGAAAACGTATCCCCCTTCAGCTTGGGGGAAAAAA AGCACCGAAAACAGGGCACTGAGCCACCTCTGTTTTTGGTCGGTGAGCAACTATAAGCC CTCCAAATCTAGTCCCCCTCCACAAGGTGAACCTTGCAAATAAATGGATATAGCTCC ACACCGCTGTTTTTACACGACTTAAGGGGTCTAAAAGTCTTTAAGTAAATTACGTACATA AGCAAAAT</pre>
<b>3' Read Nucleotide Sequence:</b>	<p>&gt;OriGene 3' read for AK097167 unedited</p> <pre>TACAGTCCATGNNACCGCGCCGAATCTANGATCGGTTTTTTTTTTTTTTTTTTTGGAG CACAGTCTCACTCTGTCAACCAGGCTGGAGTGCAGTGGCATGATCTCGGCTCACTGCAAC CTCTGCCTCCCAGTTCAAGCGATTCTCCTGCCTCAGCCCCCAAGTAGCTAGGACTAAA TGCATGTACCACTACGCCCGGCTAATTTTTTCATCTTTGTAGATTTTGGATTTACCATGT TGGCTAGGCTGGTCTAAACTCCTGACCTCAAGTGATCCACCCGCCTCAGCCTCCAAAA GTGCTGGTATCACAGGCGTGAGCCACCTGAATTTATTACAATCATTACATAAGCCTTCAC CACAAAGTCATGACCATTATTTTTTGTGTAAGAAAAAATTATTTGCTTAATGTTACGTAA ATTTGACTTATATAGCATTTTAGTACCCTTAAATCACTGTATAAAACAGCAGGTTGGAG ACTGCTATCCTTCTGAGTTTGAAGTTTACCCTTGGTGGAGTGTGGGACCTTAGACTC GGGAGGCTTACTACTGCTCCACCCCAAAAAAGGAGTAGCTCACTGACCTGGTCGTTT GGGCTTTTTTTTTCCCCAGCCGAAAGGGGAACACGTTTTTCCGCTGAACAGCTGAACC CCTGGCTAACCTCTGAAAGCCACAATTGGTGGGACGGGCTAAAACAACCTGCCAATAC AACAACTGTACGGAGCTCTTTCGAAAGCTTCCAGGCGGAAAACCTCAGCGAGTGGAGGC GTTAAGGCCCAATGGCGACTTAAGAAGGGCCCGTCCGTGCGACCTCACTGAAACCGAAG GTTGAACAAAACGGCCACGTGATATCTGCGGAATAGTGGGGGATGTACCCGACTTTTG GACCTCACGCTGTGCCAGGCCAGGAAACAGCTCGCGACGGGCAAGGCAGGAG</pre>
<b>Restriction Sites:</b>	NotI-NotI
<b>ACCN:</b>	AK097167
<b>Insert Size:</b>	1400 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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:** [AK097167.1](#)

**RefSeq Size:** 2782 bp

**RefSeq ORF:** 2782 bp

**Locus ID:** 9422

**Cytogenetics:** 19q13.43

**Protein Families:** Transcription Factors

**Gene Summary:** This gene encodes a zinc finger protein and belongs to the krueppel C2H2-type zinc-finger protein family. Zinc finger proteins are often localized in the nucleus, bind nucleic acids, and regulate transcription. [provided by RefSeq, Jan 2010]