

Product datasheet for **SC127021**

ZNF3 (NM_032924) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZNF3 (NM_032924) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZNF3
Synonyms:	A8-51; HF.12; KOX25; PP838; Zfp113
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Cell Selection:	None
Fully Sequenced ORF:	>NCBI ORF sequence for NM_032924, the custom clone sequence may differ by one or more nucleotides

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ATGGAACTCAGGCTGATCTCGTATCTCAGGAACCTCAGGCCCTGCTTGACAGTGTCTTCCTTCAAAG
TTCCTGCCTTTCCGACAAGGACAGCCTGGGGATGAGATGTTGGCGGCTGCGCTCTAAAGCCAAGTC
CCAGGAGCTGGTAACCTTTGAGGATGTAGCTGTGTACTTCATCCGGAAGGAGTGAAGCGTTTGAACCT
GCTCAGAGGGACCTCTATAGAGATGTGATGCTGGAGAATTACGGGAATGTGTTCTACTGGATCGTGAGA
CCAGGACTGAAAATGATCAAGAAATTTCTGAAGACACAAGATCACATGGGGTCTACTGGGAAGATTTCA
AAAGGATATTTCTCAGGGTCTCAAGTTTAAAGAAGCCTATGAACGAGAAGTCAGTCTGAAAAGGCCGCTG
GGGAACCTCCCCTGGAGAAAGACTGAACAGGAAAATGCCAGATTTTGGTCAAGTGACAGTTGAGGAGAAGC
TAACCCCAAGGGGAGAGAGAAGCGAGAAAATATAATGATTTTGGGAACAGCTTCACTGTGAATTTCAAACCT
TATCTCACATCAGAGACTCCCCGTGGGAGACAGACCCCAATAAGTGTGATGAATGTAGCAAGAGCTTAAAT
CGAACTTCAGACCTTATCAACATCAGAGAATCCACACTGGGGAAAAGCCCTATGAATGTAAATGAGTGTG
GGAAGGCCTTCAGCCAGAGCTCACACCTTATTCAGCATCAGAGAATCCACACTGGGGAAAACCTTATGA
ATGTAGTATTGTTGGGAAAACCTTCAGCTGTAGCTCTGCCCTCATTCTGCATCGGAGGATCCACACGGGG
GAGAAAACCTATGAATGTAAATGAGTGTGGGAAGACCTTCAGCTGGAGCTCCACCCTCACCCACCATCAGA
GAATCCACACTGGTGAGAAAACCTACGCCTGCAATGAATGTGGGAAGGCCTTCAGCAGGAGCTCAACCTT
TATTCACCATCAGAGAATCCACACTGGAGAAAACCTATGAATGTAAATGAATGTGGGAAAAGCCTTCAGC
CAGAGCTCACACCTCTATCAGCACCAGAGAATCCACACTGGAGAGAAGCCCTACGAATGTATGGAATGTG
GAGGAAAGTTTACCTACAGTTTCAGGCCCTTATTCAGCATCAAAGAATCCACACCGGGGAGAACCCCTATGA
ATGTAGTGTGAGTGTGGGAAAAGCCTTCAGGTACAGCTCGGCTCTTGTTCGCCATCAGAGAATTCACACTGGA
GAGAAGCCTTTGAATGGGATCGGCATGAGCAAAAGCTCCCTCAGAGTTACGACCGAGTTAAATATCAGAG
AGTCCACGTGA
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5' Read Nucleotide Sequence:	<p>>OriGene 5' read for NM_032924 unedited</p> <pre> TTTGTAAACGACTCACTTATAGGGCGGCCGGAATTCGCACGAGGGTTCTGTCCCGGT GTGTGGGTCTGTGACAGGGTCCAACAGGGCCTGGTCCGTGTCCGGTCCCCCAAATCTGTC GTCCCTGCCCCAGGCATTGGCATCAACAAAAGTCAGAATTCGCGGAACTTGAACAGAG GCTGCTAAATCCCAGTAATTGCTCCTTTGGCCTTCTAGGGACTGACTTCAAAGAAGGAA GGAAAGAATCAGTGCTTCCTCATTCTCTTTTAAAACCCGCTTCCCGCTGAGTCTGCACCC AGGAGACCAGAGACACCTTGCCCTTCCATGAAAACCTCAGGCTGATCTCGTATCTCAGGA ACCTCAGGCCCTGCTTGACAGTGCCTTCTTCAAAGTTCTCGCCTTTTCCGACAAGGA CAGCCTGGGGATGAGATGTTGGCGCTGCGCTCCTAAAGGCCAAGTCCCAGGAGCTGGT AACCTTTGAGGATGTAGCTGTGACTTCCATCCGGAAGGAGTGGAAGCGTTTGAACCTGC TCAGAGGGACCTCTATAGAGATGTGATGCTGGAGAATTACGGGAATGTGTTCTCACTGGA TCGTGAGACCAGGACTGAAAATGATCAAGAAATTTCTGAAGACACAAGATCACATGGGGT CCTACTGGGAAGATTTCAAAGGATATTTCTCAGGGTCTCAAGTTTAAAGAAGCCTATGA ACGAGAAGTCAGTCTGAAAAGCCGCTGGGGAACCCCCTGGAGAAAGACTGAACAGGAAA ATGCCAGATTTTGGNTCAAGTGACANGTTGAGAGGAGCTAACCCAGGGGAGAGAGAAGC GAGAAATATATGATTTTGGGAACAGCTTACTGTGAATTCACCTTATCTACATCAGAACT CCCCGTGGGAACAGACCCATAGTGTGATGATGTAGCAGAGCTTTATCGACTTAGACCTTT ATCACATAA </pre>
3' Read Nucleotide Sequence:	<p>>OriGene 3' read for NM_032924 unedited</p> <pre> CTACTGTGNANCGCGNCCGCAATCTANNGATCAGTTTTTTTTTTTTTTTTTCTGAAAA ACTATTCTGTTTAAATAGTGCACCTTCATTTATGCTACAGGATGAGCAGGGTTGGGAAAA CATGGAAGGTCATCCCGTCGGTTGGGAAAACCGGGGAGTGCCATCCTCACCCAGCAACG AGCTCTGTACCAGGCTCAGGCACAGCCTGCCTTCTCTGGGCTTCGTTTTTTTGTTTTT TGTTTTTTTTTCTCCCTTTTGGGCTTTGCTCTTCTCTGCATTAATCTTCAGCTGCTGA AGAGTCAGAGGTGGAGGCAGGAGTGGTCTGGCTCCTGGGGCTGGGTGTCAGAGGTGAGAG GGCAGGGCAAGCAGGCCAAGTGAGCTCCTTGAAAGCATCCTTACCCAGGCATTTAGAGAA AATCATTTTCATCATTGGAGTGGGAAGAGGACAAGAGAGGACAGCAATCAGAGGCCAACG CTAAGTGCTTCTGACCCTCTCCCTCACAGCCGGTTACTAGCTGTTTGGACAGATTTGCC ATTCAGCCCCAGAACTGAGGGGGATGGCAGGGGGTCTGCTGGCATATCACCAGGTTT CTCTTGGAAATCTTCTACCCTCAATAAAATAATCCTCAATGCCCAATTTCCATAATTAC CGAAATCTGAAACCAACAGCATGTTTCTTACCGAACTTTAAGCTGGACTAAGGACCG NAAGCTTTGAAATAAGTCTCCTTTTACCCTNCCTAGCAAATAACAAGACCCNAAGCGGC CCTTTCAGTCTGCTGGCTGGGGCTGCCTACGCCGGCCTCCACCTAAGGGATCCCTCGNATT TTGCCCGAATGGGCTTCCATTCCACCTGAAAAGGTTCTTTGCTGGAAAAAACAGTTA TG </pre>
Restriction Sites:	NotI-NotI
ACCN:	NM_032924
Insert Size:	3000 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_032924.2](#), [NP_116313.2](#)

RefSeq Size: 2857 bp

RefSeq ORF: 1233 bp

Locus ID: 7551

UniProt ID: [P17036](#)

Cytogenetics: 7q22.1

Domains: KRAB, zf-C2H2

Protein Families: Transcription Factors

Gene Summary: Involved in cell differentiation and/or proliferation.[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 3. Variants 2, 3, 4, 5, and 8 all encode the same isoform (2).