

## Product datasheet for **SC111423**

### **ZNF329 (NM\_024620) Human Untagged Clone**

#### **Product data:**

|                           |                                         |
|---------------------------|-----------------------------------------|
| Product Type:             | Expression Plasmids                     |
| Product Name:             | ZNF329 (NM_024620) Human Untagged Clone |
| Tag:                      | Tag Free                                |
| Symbol:                   | ZNF329                                  |
| 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\_024620, the custom clone sequence may differ by one or more nucleotides

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ATGAGATTGAAAATGACGACTCGGAATTTCTGAGAGAGAAGTACCCTGTGATGTAGAAGTGGAAGAT
TCACAAGGGAAGTTCCCTGCTTGCCAGTTTAGGTGATGGTTGGGACTGTGAGAACGAGGGACACTT
GAGGCAATCAGCTTTAACTCTGGAGAAACCAGGGACTCAGGAAGCAATTTGTGAATATCCTGGTTTTGGG
GAGCATTTTGATTGCAAGCTCAGACCTTCCACCGTCTCAGAGAGTTCTGGCAACAAATGGTTTCCATGCAC
CTGACTCAAATGTTAGTGGTCTGGATTGTGACCCCGCCTTACCCAGCTATCCTAAAAGTTATGCAGATAA
GAGAACTGGTGACAGTGATGCCTGTGGAAGGCTTCAACCATTCCATGGAAGTTATTTCATGGAAGAAAT
CCAGTGAGAGAGAAGCCCTACAAATACCCTGAAAGTGTTAAGTCTTTAATCATTTTACCTCTCTTGGTC
ATCAGAAAATAATGAAAAGAGGCAAGAAATCGTATGAAGTAAGAATTTTGAGAACATCTTACTCTGAG
CTCATCGCTTAATGAAAACCAGAGAAATCTCCCTGGAGAGAAACAATATAGATGTACTGAATGTGGCAAA
TGCTTCAAACGGAACCTTCTCTTGTGTTTGCATCACCGAACTCACACCGAGAGAGCCCTATACTTGTA
ATGAGTGTGGAAGTCTTCTCCAAGAACTACAACCTGATTGTGCATCAAAGAATCCACACAGGAGAGAA
GCCCTATGAATGCAGTAAATGTGGGAAAGCTTTCAGTGATGGCTCAGCTCTGACACAGCACCAGAGAATT
CACACAGGCGAGAAACCTTATGAATGCCTAGAGTGTGGAAGAAACCTTCAACCGAAATTCATCCTTAATTT
TGCACCAAGAACTCATACAGGGGAAAAACCATATAGATGTAAACGAATGTGGGAAACCTTCACTGACAT
CTCCACCTTACAGTGATCTCAGAATCCACACCGGTGAGAAGCCCTATGAGTGTAGCAATGTGGAAGAG
GCTTTCGGGACGGCTCGTACCTCACCCAGCATGAGAGGACTCACACTGGAGAAAAGCCCTTGTAGTGTG
CAGAGTGCGGGAATCCTTCAACAGAACTCTCACCTCATTGTGCATCAAAGATCCATTCTGGGGAGAA
ACCCTATGAATGTAAAGAATGTGGCAAGACTTTCATCGAGAGTGGTACCTCATCAGGCATCAGAGGATT
CATACTGGCGAGAAGCCCTATGGCTGCAACCAAGTGTGAGAACTTTTCAGGAATATCGCTGGCCTCATT
GGCACCAGAGGACTCATACTGGTGAGAAGCCCTATGAGTGAATCAGTGTGGCAAGCCTTCAGGGACAG
CTCCTGTCTGACCAAGCACCAGAGAATTCACACTAAGGAGACCCATATCAGTGTCCAGAATGTGGGAAG
TCCTTCAAGCAGAACTCTCACCTGGCAGTACATCAGAGACTCCATAGCAGGGAGGGTCCCAGCCGTGTC
CTCAGTGTGGAAGAAATGTTCCAAAGAGCTCATCCCTTGTTCGACATCAAAGAGCACACCTGGGAGAGCA
ACCCATGGAAACATAA

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**5' Read Nucleotide Sequence:**

>OriGene 5' read for NM\_024620 unedited

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TTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGGCACGAGGCCTGGTTTTGGGG
AGCATTTGATTGCAAGCTCAGACCTTCCACCGTCTCAGAGAGTTCTGGCAACAAATGGTT
TCCATGCACCTGACTCAAATGTTAGTGGTCTGGATTGTGACCCCGCCTTACCCAGCTATC
CTAAAAGTTATGCAGATAAGAGAACTGGTGACAGTGATGCCTGTGGAAGGCTTCAACC
ATTCCATGGAAGTTATTCATGGAAGAAATCCAGTGAGAGAGAAGCCCTACAAATACCCTG
AAAGTGTTAAGTCTTTAATCATTTTACCTCTCTTGGTCATCAGAAAATAATGAAAAGAG
GCAAGAAATCGTATGAAGTAAGAATTTTGAGAACATCTTACTCTGAGCTCATCGCTTA
ATGAAAACCAGAGAAATCTCCCTGGAGAGAAACAATATAGATGTACTGAATGTGGCAAA
GCTTCAAACGGAACCTTCTCTTGTGTTTGCATCACCGAACTCACACCGGAGAGAAGCCTT
ATACTTGAATGAGTGTGGAAGTCCTTCTCCAAGAACTACAACCTGATTGTGCATCANA
GAATCCACACAGGAGAGAAGCCCTATGAATGCAGTAAATGTGGGAAAGCTTTCAGTGATG
GCTCAGCTCTGACACAGCACCAGAGAATTCACACAGGGCGAGAACCTTATGAATGCCTAG
AGTGTGGAANAACCTTCACCCGAATTCATCCTTAANTTNTGCACCAAGAACTCATACAG
GGGAAAAACCATATAGATGTTACGAATGTGGGGAAGCCCTTNACTGACATCTCCACCTT
ACAGTGATCTCAAAATCCACACCGGTGAGAAGCCCTATGAGTGTACCAATGGGGAG

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|-------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>3' Read Nucleotide Sequence:</b> | <p>&gt;OriGene 3' read for NM_024620 unedited</p> <pre> AGCTATGACCGCGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTCCCAAAGAAA ACCACATTTTATTTCTCCATCATCCACTTTCAACATACATCCATATGTGCACATATTTT ACATGGCTGGAATAATAGTAAATCTTCTATTTGATGCCCTTTTTGCCATATTATAAACA TTTTCAACATGGCAATAAAACCTTTATAATGGTTCACAGTGGCTGAATTAGAAGCATCCT AAATGAACAACCATGGAGGTAGTGGTGGGTGATAACATAAACATAACAACCTCAGTATTT TTGCTTCAACAATAAGCAACAACCATCTGTAGAACAGCCCTTTCCATCTTAGC ACAAGCTTGTTCAGTCTTTTTTTTTTGAATGGAGTCTCGCTCTGTCACCCAGGCTGGAG TGCAAGTGGTGCATCTTAGCTCACTGCAACCTCCACCTCCAGGTTCAAGCAATTCTCCT GCCTCAGTGTGTTGCTTACGTACAAGGTGGAACTCCCTACTACAGGGCTCTTCATTCCAA TCATGTTCTGAATGCATTCACAGTTCTCTCTGTGGTGTACCCCATGTTTGCACATTT CATTCCAGTGTGTGTGTTGTATGTCTGGTACAGACTGAATCATCCCCAAGACTTTTCT GCCCTCATCTAAGNTGTCTCTGGAGTTCCCAATGAGCAGACTTAACAGTTGTGGCTTA ACAATGTCTCACATTCATCAATTCAGTGGATAGCTAAAAGATTCTTTTCTACTGCCAGA GAGAGCCAAATCTAAGACCCCTCCTAACCCAGAAATGAAATGAACTGGAGACTCTGGGG CCCCACCTTATGTTTATGGGTTGTTTCCAGGGGGCTTTTGATGGCAACAAGGAAAAC TCTTTGGAACCTCTTCCCACTGAGGACACGGTGGGAACCCCTGCTTGAATCCTGAG </pre> |
| <b>Restriction Sites:</b>           | NotI-NotI                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>ACCN:</b>                        | NM_024620                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Insert Size:</b>                 | 2350 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).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Reconstitution Method:</b>       | <ol style="list-style-type: none"> <li>1. Centrifuge at 5,000xg for 5min.</li> <li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>3. Close the tube and incubate for 10 minutes at room temperature.</li> <li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>RefSeq:</b>                      | <u><a href="#">NM_024620.1</a></u> , <u><a href="#">NP_078896.1</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>RefSeq Size:</b>                 | 3426 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>RefSeq ORF:</b>                  | 3426 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Locus ID:</b>                    | 79673                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>UniProt ID:</b>                  | <u><a href="#">Q86UD4</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Cytogenetics:</b>                | 19q13.43                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Domains:</b>                     | zf-C2H2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |

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