

Product datasheet for **SC325304**

ZFY (NM_001145275) Human Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | ZFY (NM_001145275) Human Untagged Clone |
| Tag: | Tag Free |
| Symbol: | ZFY |
| Synonyms: | ZNF911 |
| Vector: | <u>pCMV6 series</u> |



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Fully Sequenced ORF: >NCBI ORF sequence for NM_001145275, the custom clone sequence may differ by one or more nucleotides

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ATGGATGGTGATCAGATTGTTGTGGAAATACAAGAAGCAGTTTTTGTTCCTAATATTGTG
GATTCTGACATAACTGTGCATAACTTTGTTCTGATGACCCAGACTCAGTTGTAATCCAA
GATGTTGTTGAAGATGTTGTCATAGAGGAGGATGTTGAGTCTCAGATATCTTAGAAGAG
GCAGATGTATCTGAAAATGTCATCATTCCCTGAGCAAGTCTGGACTCAGATGTAAGTCAA
GAAGTTTCTTTACCACACTGCACAGTCCCAGATGATGTTTTAGCTTCTGACATTACTCA
ACCTCAATGTCTATGCCAGAACATGTTTTAACGAGTGAATCCATGCATGTGTGTGACATT
GGACATGTTGAACATATGGTGCATGATAGTGTAGTGGAAAGCAGAAATCATTACTGATCCT
CTGACGAGTGACATAGTTTCAGAAGAAGTATTGGTAGCAGACTGTGCCCTGAAGCAGTC
ATAGATGCCAGCGGGATCTCAGTGGACCAGCAAGATAATGACAAAGCCAGCTGTGAGGAC
TACCTAATGATTTGTTGGATGATGCTGGCAAAAATAGAACATGATGGTCCACTGGAGTG
ACCATCGATGCAGAATCAGAAATGGATCCTTGAAAGTGGATAGCACTTGTCTGAAGTC
ATCAAGGTGTACATTTTTAAAGCTGACCCTGGAGAAGATGACTTAGGTGGAAGTGTAGAC
ATTGTGGAGAGTGAACCTGAAAATGATCATGGAGTTGAACTACTTGATCAGAACAGCAGT
ATTCGTGTTCCAGGGAAAAGATGGTTTATATGACTGTCAATGACTCTCAACAAGAAGAT
GAAGATTTAAGTAATAATTCTGATGGAATTGAAAACCGGAATGGCACTGCAAGTGCCTC
TTGCACATAGATGAGTCTGCTGGCCTTGGCAGACTGGCTAAACAGAAACCAAAGAAAAAG
AGAAGACCTGATTCCAGGCAGTACCAAACAGCAATAATTATTGGCCCTGATGGTCATCCT
TTGACTGTCTATCCTTGCATGATTTGTGGGAAGAAGTTTAAAGTCGAGGGGTTTTTTGAAA
AGACACATGAAAACCATCCTGAACACCTTGCCAAGAAGAAGTACCACTGTAAGTACTGT
GATTACACTACCAATAAGAAGATAAGTTTACATAACCACCTGGAGAGCCACAAGCTGACC
AGCAAGGCAGAGAAGGCCATTGAATGTGATGAGTGTGGGAAGCATTTTTTCTCATGCAGGG
GCTTTGTTTACTCACAAAATGGTGCATAAGGAAAAAGGGCCAACAAAATGCACAAGTGT
AAATTCTGTGAATATGAGACAGCTGAACAGGGTTATTGAATCGCCACCTCTTGGCAGTC
CACAGCAAGAACTTTCCTCATATTTGTGTGGAGTGTGGTAAAGTTTCCGACACCCGTCG
GAACTGAGAAAGCACATGCGAATCCATACCGGCGAGAAGCCATACCAATGCCAGTACTGT
GAATATAGGTCTGCAGACTCTTCTAACTGAAAACACATATAAAAACAAAGCATAGTAAA
GAGATGCCATTCAAGTGTGACATTTGTCTTCTGACTTTCTCAGATACCAAAGAAGTGCAG
CAACATACTCTTGTCCACCAAGAAAGCAAAAACACATCAGTGTTCATTGCGACCACAAG
AGTTCAAACCTCAAGTGTATTTGAAACGACATGTAATTTTCAGTTCATACGAAAGACTATCCT
CATAAGTGTGAGATGTGCGAGAAAGGCTTTCACAGGCCTTCAGAACTTAAGAAACATGTG
GCTGTCCACAAAGGTAATAAATGCACCAATGTAGACATTGTGACTTTAAGATTGCAGAC
CCATTTGTTCTAAGTCGCCATATTTCTCTCAGTTCACACAAAGGATCTTCCATTTAGGTGT
AAGAGATGTAGAAAGGGATTTAGGCAACAAAATGAGCTTAAAAAGCATATGAAGACACAC
AGTGGCAGGAAAGTATATCAGTGTGAGTACTGTGAGTATAGCACTACAGATGCCTCAGGC
TTTAAACGGCACGTTATTTCCATTACATAAAAAGACTATCCTCATCGGTGTGAGTACTGC
AAGAAAGGCTTCCGAAGACCTTCAGAAAAGAACCAGCACATAATGAGACACCATAAAGAA
GTTGGTCTGCC

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Restriction Sites: Please inquire

ACCN: NM_001145275

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).

OTI Annotation: This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.

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| 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: | <ol style="list-style-type: none">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: | <u>NM_001145275.1</u> , <u>NP_001138747.1</u> |
| RefSeq Size: | 5017 bp |
| RefSeq ORF: | 2175 bp |
| Locus ID: | 7544 |
| UniProt ID: | <u>P08048</u> |
| Cytogenetics: | Yp11.2 |
| Protein Families: | Transcription Factors |
| Gene Summary: | <p>This gene encodes a zinc finger-containing protein that may function as a transcription factor. This gene was once a candidate gene for the testis-determining factor (TDF) and was erroneously referred to as TDF. [provided by RefSeq, Jul 2008]</p> <p>Transcript Variant: This variant (2) omits two coding exons compared to variant 1. The resulting predicted protein (isoform 2) is shorter.</p> |