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# Product datasheet for RC227791

## ZFY (NM_001145275) Human Tagged ORF Clone

### Product data:

| | |
|---|---|
| **Product Type:** | Expression Plasmids |
| **Product Name:** | ZFY (NM_001145275) Human Tagged ORF Clone |
| **Tag:** | Myc-DDK |
| **Symbol:** | ZFY |
| **Synonyms:** | ZNF911 |
| **Mammalian Cell Selection:** | Neomycin |
| **Vector:** | pCMV6-Entry (PS100001) |
| **E. coli Selection:** | Kanamycin (25 ug/mL) |

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**ORF Nucleotide Sequence:**

>RC227791 representing NM_001145275
Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCGCGATCGCC

ATGGATGGTGATCAGATTGTTGTGGAAATACAAGAAGCAGTTTTTGTTTCTAATATTGTGGATTCTGACA
TAACTGTGCATAACTTTGTTCCTGATGACCCAGACTCAGTTGTAATCCAAGATGTTGTTGAAGATGTTGT
CATAGAGGAGGATGTTCAGTGCTCAGATATCTTAGAAGAGGCAGATGTATCTGAAAATGTCATCATTCCT
GAGCAAGTGCTGGACTCAGATGTAACTGAAGAAGTTTCTTTACCACACTGCACAGTCCCAGATGATGTTT
TAGCTTCTGACATTACTTCAACCTCAATGTCTATGCCAGAACATGTTTTAACGAGTGAATCCATGCATGT
GTGTGACATTGGACATGTTGAACATATGGTGCATGATAGTGTAGTGGAAGCAGAAATCATTACTGATCCT
CTGACGAGTGACATAGTTTCAGAAGAAGTATTGGTAGCAGACTGTGCCCCTGAAGCAGTCATAGATGCCA
GCGGGATCTCAGTGGACCAGCAAGATAATGACAAAGCCAGCTGTGAGGACTACCTAATGATTTCGTTGGA
TGATGCTGGCAAAATAGAACATGATGGTTCCACTGGAGTGACCATCGATGCAGAATCAGAAATGGATCCT
TGTAAAGTGGATAGCACTTGTCCTGAAGTCATCAAGGTGTACATTTTTAAAGCTGACCCTGGAGAAGATG
ACTTAGGTGGAACTGTAGACATTGTGGAGAGTGAACCTGAAAATGATCATGGAGTTGAACTACTTGATCA
GAACAGCAGTATTCGTGTTCCCAGGGAAAAGATGGTTTATATGACTGTCAATGACTCTCAACAAGAAGAT
GAAGATTTAAGTAATAATTCTGATGGAATTGAAAACCGGAATGGCACTGCAAGTGCCCTCTTGCACATAG
ATGAGTCTGCTGGCCTTGGCAGACTGGCTAAACAGAAACCAAAGAAAAAGAGAAGACCTGATTCCAGGCA
GTACCAAACAGCAATAATTATTGGCCCTGATGGTCATCCTTTGACTGTCTATCCTTGCATGATTTGTGGG
AAGAAGTTTAAGTCGAGGGGTTTTTTGAAAAGACACATGAAAAACCATCCTGAACACCTTGCCAAGAAGA
AGTACCACTGTACTGACTGTGATTACACTACCAATAAGAAGATAAGTTTACATAACCACCTGGAGAGCCA
CAAGCTGACCAGCAAGGCAGAGAAGGCCATTGAATGTGATGAGTGTGGGAAGCATTTTTCTCATGCAGGG
GCTTTGTTTACTCACAAAATGGTGCATAAGGAAAAAGGGGCCAACAAAATGCACAAGTGTAAATTCTGTG
AATATGAGACAGCTGAACAGGGGTTATTGAATCGCCACCTCTTGGCAGTCCACAGCAAGAACTTTCCTCA
TATTTGTGTGGAGTGTGGTAAAGGTTTCCGACACCCGTCGGAACTGAGAAAGCACATGCGAATCCATACC
GGCGAGAAGCCATACCAATGCCAGTACTGTGAATATAGGTCTGCAGACTCTTCTAACTTGAAAACACATA
TAAAAACAAAGCATAGTAAAGAGATGCCATTCAAGTGTGACATTTGTCTTCTGACTTTCTCAGATACCAA
AGAAGTGCAGCAACATACTCTTGTCCACCAAGAAAGCAAAACACATCAGTGTTTGCATTGCGACCACAAG
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AAAAGCATATGAAGACACACAGTGGCAGGAAAGTATATCAGTGTGAGTACTGTGAGTATAGCACTACAGA
TGCCTCAGGCTTTAAACGGCACGTTATTTCCATTCATACAAAAGACTATCCTCATCGGTGTGAGTACTGC
AAGAAAGGCTTCCGAAGACCTTCAGAAAAGAACCAGCACATAATGAGACACCATAAAGAAGTTGGTCTGC
CC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

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**Protein Sequence:**

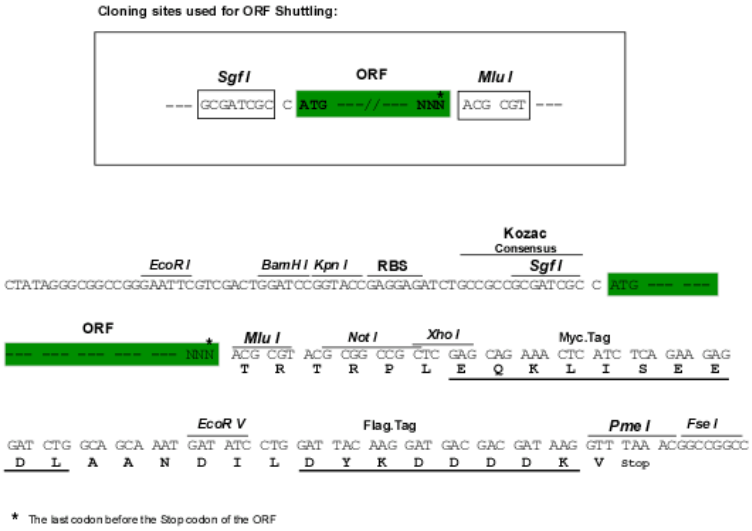
>RC227791 representing NM_001145275
Red=Cloning site Green=Tags(s)

MDGDQIVVEIQEAVFVSNIVDSDITVHNFVPDDPDSVVIQDVVEDVVIEEDVQCSDILEEADVSENVIIP
EQVLDSDVTEEVSLPHCTVPDDVLASDITSTSMSMPEHVLTSESMHVCDIGHVEHMVHDSVVEAEIITDP
LTSDIVSEEVLVADCAPEAVIDASGISVDQQDNDKASCEDYLMISLDDAGKIEHDGSTGVTIDAESEMDP
CKVDSTCPEVIKVYIFKADPGEDDLGGTVDIVESEPENDHGVELLDQNSSIRVPREKMVYMTVNDSQQED
EDLSNNSDGIENRNGTASALLHIDESAGLGRLAKQKPKKKRRPDSRQYQTAIIIGPDGHPLTVYPCMICG
KKFKSRGFLKRHMKNHPEHLAKKKYHCTDCDYTTNKKISLHNHLESHKLTSKAEKAIECDECGKHFSHAG
ALFTHKMVHKEKGANKMHKCKFCEYETAEQGLLNRHLLAVHSKNFPHICVECGKGFRHPSELRKHMRIHT
GEKPYQCQYCEYRSADSSNLKTHIKTKHSKEMPFKCDICLLTFSDTKEVQQHTLVHQESKTHQCLHCDHK
SSNSSDLKRHVISVHTKDYPHKCEMCEKGFHRPSELKKHVAVHKGKKMHQCRHCDFKIADPFVLSRHILS
VHTKDLPFRCKRCRKGFRQQNELKKHMKTHSGRKVYQCEYCEYSTTDASGFKRHVISIHTKDYPHRCEYC
KKGFRRPSEKNQHIMRHHKEVGLP

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**




**ACCN:** NM_001145275

**ORF Size:** 2172 bp

**OTI Disclaimer:** The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info

**OTI Annotation:** This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

**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).

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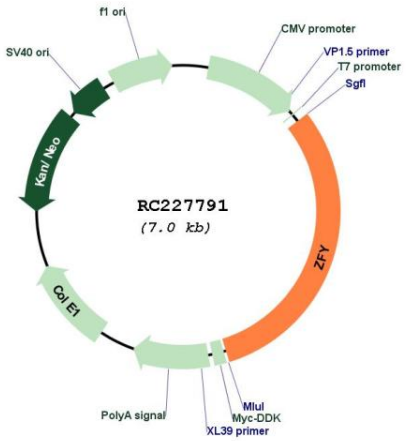
| **Reconstitution Method:** | 1. Centrifuge at 5,000xg for 5min.<br>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.<br>3. Close the tube and incubate for 10 minutes at room temperature.<br>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.<br>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_001145275.2 |
| **RefSeq ORF:** | 2175 bp |
| **Locus ID:** | 7544 |
| **UniProt ID:** | P08048 |
| **Cytogenetics:** | Yp11.2 |
| **Protein Families:** | Transcription Factors |
| **MW:** | 82 kDa |
| **Gene Summary:** | 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] |

## Product images:




Circular map for RC227791

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