

## Product datasheet for **SC327999**

### **ZYG11A (NM\_001004339) Human Untagged Clone**

#### **Product data:**

|                           |                                            |
|---------------------------|--------------------------------------------|
| Product Type:             | Expression Plasmids                        |
| Product Name:             | ZYG11A (NM_001004339) Human Untagged Clone |
| Tag:                      | Tag Free                                   |
| Symbol:                   | ZYG11A                                     |
| Synonyms:                 | ZYG11                                      |
| Mammalian Cell Selection: | Neomycin                                   |
| Vector:                   | pCMV6-Entry (PS100001)                     |
| E. coli Selection:        | Kanamycin (25 ug/mL)                       |



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**Fully Sequenced ORF:**

&gt;SC327999 representing NM\_001004339.

Blue=Insert sequence Red=Cloning site Green=Tag(s)

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GCTCGTTTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGGAATTCGTGCACTG
GATCCGGTACCGAGGAGATCTGCCGCCACGATCGCC
ATGGTTTCATTTCTTGACCCGGGCCACACGCCCCGGAACATCGTCCCTCCTGACGCTCAGAAGGATGCC
CTGGGCTGCTGCGTGGTACAGGAAGAGGCATCTCCCTACACTTTGGTCAACATCTGCCTGAATGTCCTG
ATTGCTAACCTGGAGAAATTGTGTTCTGAAAGACCTGATGGAACACTGTGCCTTCCGGAGCATTGGAGT
TTCCCTCAGGAAGTAGCCGAGCGATTTCTCAGGGTGATGACTTGGCAAGGCAAGCTGACTGACAGAACA
GCCAGCATTTTCCGAGGCAACCAATGAACTGAAGCTGGTCAATATCCAAAAGCTAAATCTCTACA
GCTGCATTCTAAAAGCCTTCTGCCGTCAAGCTCATTGAAGTGAATGCTACTGCAGTGCACGCTGAC
CTCCAGTTCAGACATCATAAGTGGACTCTGCAGCAATAGGTGGATCCAGCAAAACCTCCAGTGTCTC
CTGTTAGACTCGACAAGCATCCCTCAAATTCAGATTACTGTTCTTTAGTCAGTCACTGGTCTTCGC
ATTTTAAGTGTTTTAATGTTTGTCTTCTACTGAAGACCTGGCTAATGTTTCTCAGTTACCAAGACTG
GAAAGCTTAGATATCTCTAATACTCTAGTCACTGATATTTCTGCACTGCTTACCTGAAGGATCGATTG
AAGTCTCTCACAATGCACTATCTGAAATGCCTGGCCATGACCAAAATCACAATTCCTGCACTCATTAGA
GAACCTAAATGTCTGCTTACCTTGATATTTCTGATCACAGGCAACTCAAATCAGACCTAGCTTTTCAT
TTGCTACAGCAGAAGGATATCCTGCCCAATGTTGTGTCATTGGATATTTCTGGGGCAATTGCATCACT
GATGAAGCTGTAGAAGCTTTTATACGACTGCGGCTGCCATGCAATTTGTGGGACTATTGGCCACGGAT
GCTGGCTCTTCTGACTTCTTTACTACAAAGCAAGGCTTGAGGGTGTCTGGAGGAGCCAGTATGAGTCAG
ATTTCAGAAGCACTGAGCCGATACAGGAACAGATCATGTTTTGTGAAGGAAGCCCTCCACAGGCTGTTT
ACAGAGACATTTTCAATGGAGGTAACCATGCCTGCTATTTTAAAGCTTGTGGCTATAGGAATGAGGAAT
CACCCATTGGATTGCGAGTGCAGTTCACAGCCAGTGTGCTGCTCTCAACCTAACACGCCAGGGCCTG
GCCAAGGGGATGCCTGTTTCGCTGTTGTGTCAGAGGTACCTGTCTACTTTTCAAGGCTCTGAAAAATTTT
CCCCATTACCAGCAGTTACAGAAGAATTGCTTCTCTCTTAACCAATTCAGGATTCTTGTGGATGTT
CCATTTGACAGGTTTGATGCTGCCAAGTTGTGTCATGAGATGGCTCTGTAAGCATGAAAACCCCAAGATG
CAAACAATGGCAGTGAGTGTACCTCTATTCTGGCTCTGCAGCTCTCACCTGAGCAAAACGGCACAGCTT
GAAGAGCTTTTCATGGCAGTTAAGGAACCTTCTAGCAATAGTAAAACAAAAGACTACTGAGAATTTAGAT
GATGTCACCTTCTGTTTACTTTGAAAGCACTTTGGAATCTTACAGATGGGTCTCCAGCTGCCTGCAAG
CACTTCATTGAAAATCAAGGATTGCAAACTTTCATCCAAGTCTTGAGACCTTTTCAGAGTCAGCAATA
CAAAGCAAAGTACTTGGTCTTTTGAACAACATAGCAGAAGTCAGAGAGCTCTTCCAAGCTGGTGACC
GAAGATGTGCTGAAGCATATCAACAGTTTACTCTGTAGCAGGGAATGGAAGTCAGCTATTTTGCTGCA
GGTATCATAGCCACCTGACATCTGACAGACAGCTTTGGATATCCCGTGACTTCCAGAGGCGTACTCTT
CTCCAAGATCTGCATGCAACCATACAGAATTGGCCAAGTTCAAGTTGTAAGATGACAGCATTGGTGACC
TATAGATCTTTCAAGACATTTTCCCGCTCCTTGGCAACTTCTCTCAACCAGAGGTTTCAGCTCTGGGCA
CTATGGGCTATGTATCATGTCTGCAGTAAAAATCCAGCAAACTGCAAAATGTTAGTTGAAGAAGAA
GGATTGCAGCTTTTGTGTGATATCCAGGAGCACAGTGAGGCAACCCCCAAAGCACAGCAGATTGCAGCC
TCCATTCTGGATGACTTCAGAATGCATTTCATGAATTATCAGAGGCCACTCTGTGTCAAATGCCCTTC
TGA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGCCGGC
  
```

**Restriction Sites:**

SgfI-MluI

**ACCN:**

NM\_001004339

**Insert Size:**

2280 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).

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>OTI Annotation:</b>        | 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.                                                                                                                                                                                                                                                      |
| <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_001004339.2</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>RefSeq Size:</b>           | 4286 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>RefSeq ORF:</b>            | 2280 bp                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Locus ID:</b>              | 440590                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>UniProt ID:</b>            | <u><a href="#">Q6WRX3</a></u>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Cytogenetics:</b>          | 1p32.3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>MW:</b>                    | 85.8 kDa                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Gene Summary:</b>          | <p>Probably acts as target recruitment subunit in an E3 ubiquitin ligase complex ZYGA-CUL2-elongin BC.[UniProtKB/Swiss-Prot Function]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1). Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p>      |