

Product datasheet for **SC116174**

ZYG11BL (ZER1) (NM_006336) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	ZYG11BL (ZER1) (NM_006336) Human Untagged Clone
Tag:	Tag Free
Symbol:	ZYG11BL
Synonyms:	C9orf60; ZYG; ZYG11BL
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL4</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >OriGene ORF within SC116174 sequence for NM_006336 edited (data generated by NextGen Sequencing)

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ATGGCGTCCGACTCCCGAGTCGCTGATGGCCCTCTGTACTGACTTCTGCTTGCACAAC
CTGGATGGCACCCTGGGTACCTGCTGGACAAGGAGACCCTGCGGCTACATCCGGACATC
TTCTTGCCAGCGAGATCTGTGACCGGCTCGTCAATGAGTATGTGGAGCTGGTGAACGCT
GCCTGTAATTCGAGCCACACGAGAGCTTCTTCAGCCTCTTTTCGGACCCCGCAGCACC
CGCCTCACGCGGATCCACCTCCGTGAGGACCTGGTGCAGGACCAGGACCTGGAGGCCATC
CGCAAGCAGGACCTGGTGGAGCTGTACCTGACTAACTGCGAGAAGCTGTCCGCCAAGAGC
CTGCAGACACTGAGGAGCTTCAGCCACACCCTGGTGTCTTGAGCCTCTTCGGCTGTACA
AACATTTTCTATGAGGAGGAGAACCAGGGGGCTGTGAAGATGAGTACCTCGTCAACCCC
ACCTGCCAGGTGCTGGTTAAGGATTTACCTTCGAGGGCTTCAGCCGCCTCCGCTTCTC
AACTTGGGCCGCATGATTGATTGGGTCCCTGTGGAGTCCCTGCTGCGGCCGCTTAACTCC
CTGGCTGCCTTGGACCTCTCAGGCATTCAGACGAGCGACGCCCTTCTCACCCAGTGG
AAAGACAGCCTGGTGTCCCTCGTCTCTACAACATGGACCTGTCCGACGACCACATCCGG
GTCATCGTGCAGCTGCACAAGCTGCGACACCTGGACATCTCCCGAGACCGCTCTCCAGC
TACTACAAGTTCAAGCTGACTCGGGAGGTGCTGAGCCTCTTTGTGCAGAAGCTGGGGAAC
CTAATGTCCCTGGACATCTCTGGCCACATGATCCTAGAGAAGTGCAGCATCTCCAAGATG
GAAGAGGAAGCGGGGAGACCAGCATTGAGCCTTCCAAGAGCAGCATCATACCTTTCCGG
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CACATTCAGCCTACAAAGTAAGTGGTGACAAAAACGAAGAGCAGGTGCTGAATGCCATC
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ATCGCCCGCATCGAGCGTTGCAACCAGCTGCTGCGGGCCCTGAAGCTGGTATCACGGCC
CTCAAGTGCCACAATATGACAGGAACATTCAAGTGACAGGCAGCGCCGCTCTCTTATAC
CTAACAAATTCGAGTACCGCTCAGAGCAGAGTGTGAAGCTGCGCCGGCAGGTTATCCAG
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TTGGAGAGCAAGGCCGATGGGATCGAGGTTTCTACAATGCCTGCGGCGTCTCTCCCAC
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GAACGCATGTGGGCTGCCATCCAGAGCTGGGACATAAACTCTCGGAGAAACATCAATTAC
AGGTCAATTTGAACCAATTCCTCCGCTCCTTCCCAGGGAATCTCCTGTGAGCCAGCAC
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CAGGAGACCAAGGAAATGGCCCGCAAGGTGATTGAGCACTGCAGTAACTTTAAAGAGGAG
AACATGGACACGTCTAGATAG
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Clone variation with respect to NM_006336.2
1357 a=>n;1358 c=>n

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_006336 unedited
 NGGGTCANAATTTGTATACGACTCACTATAGGCGGCCGCGNAATTCGCACGAGGGCCGTA
 GGAGCCGGATCGGGGGAGGGGCCGGGCCAGGAGCCTCAGCCCCGCCGAGCCCTAAGG
 GCAAGGTAACCGCCACGGGGTCCCCGTGCGACCCCTCCCTCCCGAGCTCCCGTCCCC
 GGGATCCCAAGCTCCGCCCGCCGACCCCGTCTCCCTGGACCCCGGCTCTAGCCTGAC
 GAGATCCCCAACCTCTGAGGTGCTCTGGCCCCGATTCTCCCGGGCTGCATTCTCTGCT
 CCTCCTCGCTGCGAAGCATCACGTCCGTTCCCGACGCTGAGGGCAGCCCGTCCAGGG
 CAGTGGCTCTGCCAATGATCCTGTGAGTATTCAGGAATCACTGTTGCCCTGGGGATCCT
 TGTCTGGAGTGGCCACCTGCTTGCCCCAGCATGGCGTCCGACACTCCCGAGTCGCTG
 ATGGCCCTCTGTACTGACTTCTGCTTGCGCAACCTGGATGGCACCTGGGCTACCTGCTG
 GACAAGGAGACCCTGCGGCTACATCCGGACATCTTCTTGCCAGCGAGATCTGTGACCGG
 CTCGTCAATGAGTATGTGGAGCTGGTGAACGCTGCCTGTAACCTCGAGCCACACGAGAGC
 TTCTTCAGCCTCTTTTCGGACCCCGCAGCACCCGCTCACGCGGATCCACCTCCGTGAG
 GACCTGGTGCAGGACCAGGACCTGGAGGCCATCCGCAAGCAGGACCTGGTGGAGCTGTAC
 CTGACTAACTGCGAGAAGCTGTCCGCAAGAGCCTGCANGACACTGAGAGCTTCAGCCCA
 CCCTGGTGTNCTTGAGCCTCTTNCGCTGTACAACATTTTCTATGAGGAGGAAACCCAGGG
 GGCTGTGAAGAGAGTACCTCA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_006336 unedited
 GGGAGGGGGTGTTCGAGAAAGGGCAGTGAATCTGCCCCGAGTTCTGACCATCCCTG
 GGCTGGGGCTTTCCACAGCCTGGGACCTGGTGGGAGACTAGGAGGCAGCCTCCATAGCAG
 CGTGGCCTCAGGCAGGCCTGGCTGGACAGCAGCAGGGCCACTGGGTGCCCTGCTCCTAGA
 GGGTCTTCAGGGGCAGGGCTGCCTGGACCTCAGCCTAGGAATGGCTCACTTTCCTGCCCC
 AGATGGCCACAGCCGGGAGCACCAAGGCTTTTGGGAGACCCAGTGGGGTAAAGTTCTAAT
 CCCCAAACCCATCAGCTGTGCCCGGGAGCCGAGATGGCGTTCTCAGGCAGGGGCAGTGG
 GTCAGGATGCTCGATACGCTGTCCAAGGCTGCTCCTCTCATGAAAGGAAGCCAGGCCGG
 GATCTGAGTTTCCGACAAGGACTGGACACTCACAGCGTTATAGGCATTTAGTCTGGTT
 GGGGTAGGAGTGTGTGTGTCAGCGATGAAGGCTGAGTGGGTTTGAAGTGGCCAAGGAAG
 CTGCAAGGACTCAGGAGTGTGCTTTTGTTCACAGAAATCATACACAAAAAATTC
 ACATTCCTAACCAAAAAAAAAAATATATATATATATATATATATATATATATATCTCACTAACATTA
 AGGAAAAGCGTCCGTTGTGCAAAAAGTCCCCATGTCTTCACTCCGTGGGAGGCTCCCT
 NCGAAGGGGCCCGCCGCTGGGCTGCTTGAAGTCTTCCCTCCCGCCTGTGGTCCAAAG
 CCGTGGCNGCCATGGNGACGGNAGCCTCTATCTAGACGTGCCATGNNTCTCCTCTTAA
 GNTACTGCAGTGTCAATCACCTTGCAGGCCATTTNCTTGGTCTNCTGCCGTGCGGTCGN
 CATCTAANTTATGTNCTCAGAAGGGGCATCCCCCTTCTTGATCACAGAAGGCAGTACT
 TGTTCGGTAGACAGAACCGAGGTATTCAGGNNCCAGTNTGCCANG

Restriction Sites:

NotI-NotI

ACCN:

NM_006336

Insert Size:

3600 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_006336.2](#), [NP_006327.2](#)

RefSeq Size: 4299 bp

RefSeq ORF: 2301 bp

Locus ID: 10444

UniProt ID: [Q7Z7L7](#)

Cytogenetics: 9q34.11

Domains: Armadillo_seg

Gene Summary: This gene encodes a subunit of an E3 ubiquitin ligase complex that may be involved in meiosis. The encoded protein contains three leucine-rich repeat motifs. [provided by RefSeq, Nov 2012]