

Product datasheet for **MC221266**

Zyg11b (NM_001033634) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Zyg11b (NM_001033634) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Zyg11b |
| Synonyms: | 1110046I03Rik; 2810482G21Rik; D4Mgi23; Gm431; mKIAA1730 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |



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Fully Sequenced ORF: >MC221266 representing NM_001033634
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCGGAGGACCAGGCCACGCAGCCATGGAGGAAGCCTCTCCCTATTCCTTGCTTGACATCTGCTTGA
 GTTTCCTGACCACCAACCTCGAGAAGTTCTGCTCAGCACGCCAAGATGGAACCCTGTGTCTGAGGAGCC
 TGGGGTGTCCACAGGAGGTGGCTGACCGCTTCTTCAGACTATAGCATTCCACGGTCTCCTGAATGAT
 GGAAGTGTGGAAATTTTCAGAGGTAACCAGATGCGCCTAAAGCGAGCTTGCATTGCGAAAGCAAAGATTT
 CCGCTGTGTCTTCCGAAAGCCTTTTCCACCACAAGCTAGTAGAACTTGATGCCACGGGTGTGAATGC
 TGACATCACTATCACAGACATCATAAGTGGCCTTGGCAGTAACAAGTGGATCCAGCAAAATCTTCAGTGC
 TTAGTACTAAACTCATTAACTCTGTCCCTCGAGGATCCATATGAGCGGTGCTTCAGCCGGCTCTCTGGTC
 TTCGAGCTCTGAGCATCACTAATGTGCTCTTTACAATGAAGATCTGGCTGAAGTTGCTTCGCTGCCTAG
 ACTGGAGAGCCTGGATATTTCTAACACCTCAATCACAGATATCACTGCCCTGCTGGCCTGCAAAGACAGA
 CTC AAGTCTCTCACCATGCACCATCTGAAATGTTTAAAAATGACTACTACCCAGATCCTGGATGTGTTT
 GGGAGCTAAAACATCTGAACCATCTTGACATCTCAGATGATAAACAGTTCACGTCAGACATAGCCCTTCG
 ATTGTTAGAGCAAAGGACATCTTGCCCAATCTTGTGTCCCTGGATGTTTCAGGGAGAAAGCATGTGACA
 GACAAAGCTGTGGAAGCCTTTATACAGCAGCGCCTAGCATGCAGTTCGTAGGGTTGCTGGCTACAGATG
 CTGGATACTCTGAATTCCTATGGGCAAAGGACACTTGAAGTCTCTGGAGAAGCCAACGAAACCCAGAT
 TGCAGAGGCGCTGAGGCGGTACAGCGAGCGGGCTTTTCGTTAGGGAGGCTTTGTTTCATCTCTTAGC
 CTGACTCATGTGATGGAGAAAACGAAGCCAGACATTTTAAAGCTTGTGGTTACTGGATGAGAAAACCC
 CAATGAATTTGCCCGTGCAGCTGGCTGCAAGTGCCTGTGTTTTAACTTAACTAAGCAGGACCTTCTTT
 AGGCATGCCTGTCCGGCTCCTCGCTGATGTGACCCATTTGCTGCTCAAGGCCATGGAACATTTTCTTAAT
 CACCAACAGTTACAGAAGAATTGCCTCCTCACTTTGCAAGTGCAGGATTCTTCAAGATGTTCCATTTA
 ATAGGTTTGAAGCAGCCAAGCTTGTGCAGTGGCTTTGCAACCACGAAGATCAGAATGCAACGCAT
 GGCCGTGGCTATCATTTCATCCTGGCCGCAAGCTCTTACAGAACAACTGCACAGCTTGGTGTGAG
 CTCTTCATTGTGAGGCAACTTCTCAAATAGTGAAGCAGAAAACAACTAATCAGAATCCGTGGACACTACGT
 TGAAGTTTACTTTGAGTGCCTTTGGAACCTCACAGATGAGTCCCAACACGTCAGACACTTCAATGA
 AAACCAAGGGCTGGAGCTTTCATGAGGGTTCTAGAGTCTTCCCAACTGAGTCACTCAACAAAAG
 GTTCTAGGACTTTTGAACAACATAGCTGAAGTACAAGAGCTGCATTCTGAACTAATGTGGAAGGATTTTA
 TAGACCACATCAGCAGTCTCCTACACAGTGTGAAGTAGAAGTCAAGTACTTTCGAGCTGGAATATCGC
 CCATTTAATATCCAGAGGTGAACAAGCATGGACCTTGAGCCGAAGCCAGAGGAATTCCTCTTCTGATGAT
 TTGCATTACAGTATTTTGAATGGCCAACCTCCAGAGTGTGAGATGGTAGCATACAGGTCCTTAATCCAT
 TCTTTCCACTACTTGGCTGTTTTACGACTCCTGGAGTCCAGCTGTGGCAGTTTGGGCCATGCAGCACGT
 CTGCAGCAAGAATCCTTCAAGGTATTGCAGCATGCTGATTGAAGAAGGAGGACTGCAGCATTGTATAAC
 ATCAAAGAACACGAGCAGACAGATCCCTATGTCCAGCAGATTGCTGTGGCCATTCTGGACAGTTTAGAGA
 AACACATTGTGCGCCATGGAAGGCCCTCCCTGTAAAAAGCAGCCCCAGGCCGGCTGAAT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001033634

Insert Size: 2235 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).

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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_001033634.3</u> , <u>NP_001028806.2</u> |
| RefSeq Size: | 10654 bp |
| RefSeq ORF: | 2235 bp |
| Locus ID: | 414872 |
| UniProt ID: | <u>Q3UFS0</u> |
| Cytogenetics: | 4 C7 |
| Gene Summary: | Probably acts as target recruitment subunit in the E3 ubiquitin ligase complex ZYG11B-CUL2-Elongin BC.[UniProtKB/Swiss-Prot Function] |