

Product datasheet for **MC220909**

Zyg11a (NM_001167936) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zyg11a (NM_001167936) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zyg11a
Synonyms:	BC022150
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220909 representing NM_001167936
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTCCATTTCTGCATCCGTTGCTGTGGCCGCGGGCCCTCGTCTGCCGACGCCAGCAGGACGCGC
 AGGGCCACTGCTTGGAGGAGGCATCACCTACTCATTGGTCAACATCTGTCTGGATGTCTTAATTGCTGA
 ATTGGACAAATGGTGTCTAAAAGACCTGATGGAACATTGTGTCTTCCAGAGCATTGGTATTTTCCTCAT
 GAAATAGCCGATAAATTCCTTGAGAGGATGGCTTGGCAAGGCAAGCTGACTGACAGAACAGCGAGCATT
 TCCAGGGCAAGCAGATGAGCCTGAAGCTCATCAATATTCCGAGAGTTAACTCTCCGAGCAGCCTTAC
 GAAAGCCTTCTGCCATCACAAGCTCATTGAAGTGAATGCCACGTCGGTGGACTCGGAGCTTCTGGCCCCA
 GACATCATCCACGCTCTCCAGAGCAGTGCCTGGATCCAGAAGAACCTCCAGTGTCTTGTGTAGACTCAG
 TCAGCATCCCTCCGAAGCTCAGGACTAGTGGCTTGAGTCATTTCACTGGGCTTACACTTTAAGTGTTC
 CAATGTGTCTTTTGAATGAAGACCTAGTTAGTGTCTTCTCAGTTACCGAACCTGGGAAGCTTGGATATC
 TCCAATACTCTGGTACCAACATCTCTGCACTCCTCTCCTGTAAGAACCAGCTCAGGTCTCTCACAATGC
 ACTATCTAAAGTGCCTGGCCATGAACAGCCACAGGTCCTTGCAGTTATCAGACAAGTGAATGCCTGCT
 TCACCTTGATATTTCTGATCATCAGCAGCTCAGATCAGACCTGGCTTTTTATCTGTTACAGCAGAAGGAC
 ATCCTGCCAACCTCACATCCCTGGATATTTAGGGGGCACCGCAGTCACTGATCAAGCTGTGGAATCCT
 TTCTGCAGCACCGGCTGCCATGCGATTTGTGGGACTCTGTATACAGATGCTGGCTATTCTGATTTCTT
 TACGGCAAAGCAAGGCTTGAAGTGTGCTGGAGGAGCCAAACATGAGTCAGATTTTCAAAGCAACTGAGTCG
 TACCGAAACAGGTCGTGCTTTGTGAAGGAAGCTCTTTCAGGCTTTCACGGAACACTTCCCTGCGTG
 CTGTCTGCTGTCATGCTAAAGCTTGTGGCTATAGGAATGAGGAATCATCCATTGGATCTGCCAGTGA
 GTTCACAGCCAGTGTTCGCTCTCAACCTAACACGCCAGGAAGTGGCCAGGGGAATGCCTGTTCTGCTG
 TTGGCAGAGATCACCGATCTACTTTTCAAAGCAACGAAAAATTTCCCTACTACCAACAGTTACAGAAGA
 ATTGCTCTCTCTCTTAACAGTCCAGGATCCTTATGGATGTTCCGTTTACAGGTTTCGATGCTGCCAA
 GCTCGCTCTGAGGTGGTGTGCAGGCGTGAGAGCCCCAAGCTGCGAACAAATGGCAGTGAAGTCACTCC
 ATCCTAGCCCTGAAGCTCTCACCTGAGGAGATGGGACAGCTTCCAGGAGGACTCATTATGGCCATCAAGG
 AACTTCTAACAAATCATCAGACAAAAGCTGGCTGAAAATTTAGATGATGTCACCTTCTTGTACTCTGAA
 AGCACTTTGGAATCTTACGGATGAGTGTCCATTGGCTGCAAGTACTTTATGGAAAACGAAGGACTAGCA
 ACTGTCATCCGAGTCTTAGAGACATTTCAATATCTGTGATACAAAGCAAAGTACTTGGTCTTTTGAACA
 ATGTCGCTGAAGTCCGAGAGCTCTTCCAAGCTGGTGACGGAAGATGTGATAGAAGCATCATCAGCTT
 GCTCCACAGCAGCAACCTGGAAGTGAAGTTCCTGGCTGCGGGTGTACTAGCCACCTGACATGTGACAGG
 CAGCACTGGCTATCCCGGACCTGCAAAGGACTGACCTTCTCCGATACCTGCACTTAGCCATCCAGAATT
 GGCCAAGTTCACGGTGTGACATGTCAGTATTGGTACCTACAGATCTTTCAAAGCATTTCCTCCACTCCT
 TGTCAACTTCTCTCAGCCAGAAGTTCAGCGCTGGGCACTGTGGGCCATACATCATGTTTGCAGTAAAAAC
 CCGAGACCTAAAGATGT**CTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001167936

Insert Size: 2121 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:	<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_001167936.1</u> , <u>NP_001161408.1</u>
RefSeq Size:	2289 bp
RefSeq ORF:	2127 bp
Locus ID:	230590
Cytogenetics:	4 C7