

## Product datasheet for **MC222981**

### Zbed6 (NM\_001166552) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zbed6 (NM_001166552) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zbed6
Synonyms:	667118; Gm8466; MGR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC222981 representing NM_001166552 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAGTGTATGTACTCTAAGTGTACCAGTTTCCTCAATCTCTCCTGGCAGAAGATGCAGTACTTTTGGTG  
ATGCTGGGATTCTGGGGTGCCTTCCATTAATTCAAACACAGACGAAGACGATGTGGTAGAGGGAAAGAT  
GGTGGCAGAAGGAGCGAATAAAGAGACAAAATTGCCTGCTAAAAAGAAAAGAAAGAGGGTTTGCGAATT  
AAGGGGAAAAGACGCCGAAAAAATTGATTCTTGCCAAAAAGTTAGTAAGGATTTGGGGTCTGGGAGAC  
CTGTTGCTGATGCCCTGCTTCGTTAGCTTCCGGTGCCCTGAGCAAGATGAAGAAAGTCTTTTTGAGGG  
CAACATAGAAAAGCAAATCTATCTGCCTAGTACCAGAGCCAAAACCTCCATTGTGTGGCACTTCTTCAT  
GTTGACCCCAATATACCTGGAGAGCAATTTGTAACTGTGTGAAAAAGTGTGACGAGGGGTAAGCCAG  
GCAGCCATCTTGGTACATCTACTCTTCAAAGACATCTTCAGGCAAGGCATTCTCCTCACTGGACCAGGGC  
CAACAAGTTTGGAGTCACTAATGGGGAGGAGGACTTTACCTTGGATTTATCGTTGTCTCCTCCTTCTCCT  
GGAAGCAATGGAAGCTTTGAGTATATTCCTACTGATTCTGTAGATGAAAACAGAATGGGTAAAGAGCGCG  
ATAAGTCAGCATCTGATGCCCTGAGGGCAAAAAGAGGGCGCTTCTCATCAAAGCAACATTGTCAAGCA  
TGCTTAATCCAGGAACGAGAGCCAAGACATCTGCAGTTTGAATTTTTTTATACTGACCCCTCAGCAC  
ATCTCAAGAGCTGTGTAAACATATGTAAGAAGTGTGAGCCGGGTAGGCCAGTTCCCACTTAGGAA  
CTTCAACACTTCAACGACATCTTCAGGCCACGCATCCCATCCATTGGGCTGTTGCCAACAAAGACAGTGG  
TGCTATTGGAAAACGATTAGATGAGACTGAAAACAGAGAGCAGTGTCTCCTGAATGATACGATGCCTGGA  
GAGAAGTCATCAGGCAGCCAAGATTTAACAGCTGAGGACCTCAGTGACTCTGATACAGATGAACCCCTT  
GTTTAGAGGTTGAAAATAGATCTGAGAGTCTATTCTGTTGCAGACCAAGATAATCCGGTGACGCACA  
AGAGAGAGAAAACGACGACACATTGTGAAAATGCAGCCGCAAAATCAAATAAGTCAGGCAGTTATTCAGATG  
ATTGTGGAGGATCTGCATCCGTACAACATTTCTCAACCCAGCCTTTCAAAGGTTTCTACAGATTGTGC  
CTCCTGACTATAGATTGCCATCAGAGACTTACTTTTTACCAAAGCTGTACCTCAGTTATATGATTCTGT  
TAGAGAAAAAATTTCTAACTTAGAGAAATGTTCAAAGCCAAAAGATCCACCTGACTGCTGACATATGG



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ACTCATGACCCTTCCACTGACTATTTTCATTGTGACTGTACACTGGGTCTCTTTGGAACTGCATCTTCTC  
 CCAGTAATGGTGGGACTCCCAATTTTAGAAAGTGGGCAGTACTTTGTGTTACAGGTTTAGCCAAAGACTG  
 TTTGATAACTAACATTTTACAAGAATTAATGACCAGATTGGTCTGTGGCTTTCTCCTAATTTCTTACC  
 CCTAGCTTCATTGTTTCTGACAATCTTCTAATGTGGTACATGCAATCAAAGGTGGTGGCTTTACCCATG  
 TGCCATGCTTCTGCATTGTCTAAATATAGTGATTGAGGACTTTTCTGTGAGCACAAAAGTATTGAGAA  
 TATGTTAGTGGCTGCTAGGAAAACCTGCCATCATTTTAGCCATTCTGTCAAAGCCCGCCAGATACTACAA  
 GAATCCAAAATGATCACCAGCTTCCATGGAAGAATCTGAAGCAGGATGAAACTGGCCACTGGATTCTA  
 CCTTTTACATGTTAAAATGGCTTTTAGAACATTGCTACTCTGTTACCATAGTCTGGGCAGAGCCAGTGG  
 AGTTGTACTTACCTCCCTCAGTGGACTCTAATGACATACGTTTGTGATATTCTTAAAGCCATTTGAGGAG  
 GCCACCCAGAGAGTGAGTGTGAAGACAACAGGATTGAATCAGGTGCTACCCCTAATCCACCATCTCCTCT  
 TTTCCCTGCAGAGACTCAGAGAAGATTTCAAGTCAGAGGTATTACTCAGGCCCTCAATCTGGTGGACAG  
 TTTATCTTTGAAACTTGAAGTGATGCCTTACTAAGTGCCATGCTCAAATCCAAGCATTGTATCTTGGCT  
 ACTTTGTTAGATCCTTGTTTAAGAACAGTTTGGAGGACTTTTTCTCAAGGTGCTGATTTAGAAACTT  
 ACAAACAGATCCTTGCAGAAGAGGTTTGAATTATATGGAATCTTCGCCAGGGCCTGCCAGATTTCAAG  
 TTCTGAAACATCTGGCCCTTTAGTTAGGTTAGGAACTGATTCGTTTACTTCTATAAAAAGAAGGCACCTCC  
 AGTGCAGGTTCTCTGGATAGCTCAGCCGAGGCAGTGTGCTGTTGGGAGCAAAGCTCCTTGCTCCCCG  
 CTGCGGTAGCAGTAGTAGATGAGTACTTCAAAGAGAAGTATTCAGAGCTCTCAGGAGGTGATGACCCCTT  
 GGTTTACTGGCAGAGGAAGGTGAGCATATGGCCAGCTTTGACCCAAGTGGCCATTCAGTATCTGAGTTGC  
 CCCATGTGTAGTTGGCAATCTGAATGCATGTTTACCACAAATAGCCACTTTCATCCAAAGCAGATCATGA  
 ACATGGACTTTGATAATATAGAACAGCTCATATTTCTGAAAATGAACTTGGAGAATGTTAACTATGACTA  
 TTCTACATTGATTCTGAGCTGGGACCCTGAAAATAAGGCTGTTTCAGAGCAATGAAAAGAATACTACCT  
 TAA

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM\_001166552
- Insert Size:** 2943 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\_001166552.1, NP\_001160024.1
- RefSeq Size:** 5007 bp
- RefSeq ORF:** 2943 bp

Locus ID: 667118

UniProt ID: [D2EAC2](#)

Cytogenetics: 1 E4

Gene Summary: Transcriptional repressor which binds to the consensus sequence 5'-GCTCGC-3' and represses transcription of IGF2. May also regulate expression of other target genes containing the binding site.[UniProtKB/Swiss-Prot Function]