

Product datasheet for MC223786

Zbed4 (NM_181412) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zbed4 (NM_181412) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Zbed4
Synonyms:	1700009F06Rik
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC223786 representing NM_181412 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCCCGCATCGCC

ATGGAGGATAAGCAAGAACTTGTCCCAAGGGGACAGTGATTTTGTCTGACAAAGTAAATTTCAAAA
CGGAGGAAGATGATGATCAAACTCTTGTACAGTTTGAACAAGTGACTTTAAAAGTGAGTCAGAGGA
TATGAGACAGACAGACAGTGGCGATGAACAGGCAGACATCAGGGCAGCGAGCTGTGCCTGTCAGCCCTCT
GGGAAGTTCTTAGCTGCCGAGAGTGAGGATGACTATGGCTCACTTTCTCCAGTATAGTAGCACACTGT
ACAGCGTAGCCATGGAAGCTGTGACCCAGAGCCTTCTTTCCAGTCGACACATAAGCTCCAGGAAGAAGTC
TCCAGCCTGGAAGCATTTCTTTATTTCCCTCGAGATAGCACTAAGGCTATCTGCACATACTGTATGAAA
GAGTTTCAGTAGGGCAAGAATGAGAAAGACCTGAGTACAAGTTGCCTCATGAGACATGTGAGGCGGGCAC
ACCCACCAAGCTCATTCAAGAAAATGGAAGTCTATCGGCAGGGTCTCTCTTTCCCTCCCTCTCTGTT
GCTTCCACCACAGCCTGCAGATGTGGGAGACCTTAGCACTGTGCTCTCGCTGTGAGACTGTCCAGAAA
ATGGCTCCCAAGATCCCATCCCCTGACCAATAATGGAAGAGTCTGTGACTGTAGTTTCTTCTGAAGAGT
TGTCCTCTGATGTGTCTGCTCACTGAAAAGTACAGCAGAGAGGAGGCTTGGCAGGCTCTCCCCAACCT
CTCCATGCTCCATTATGACGACGCTTCAGAAACCATGGCAGACAGAAACCTTTCTTTCCAAAAGCACA
TCTGGGTCCAGGAGGAGTCAAGGCTGTGGAAGCACTTCTACTTGTACCCCTTGATAGTCCAAGGCTG
TCTGTGTCCACTGTATGAATGAGTTCAGTAGAGGAAAAATGGGAAGGACCTGGGTACAAGCTGCCTCAT
CAGGCACATGTGGAGAGCACATCGCTCCATTGTACTGCAGGAGAACGGGGCAACACAGGCATCCCACCA
TTGTACCTATGCCCCCACCCTGCTGCCTGCCCTGCTGCCCCAGAAGGGGATCTCAACTCCGCATCGT
TGTCTCCAGGCAACAAGTCAAAGAGTCCCCTTCTGCCTCCTCATCCCCAGAAAGGCTTCCGGAGGACCT
GTCATCACACACTAATCCTGGGGATGTATCCCGGGAAGATGTGTCCATGTTGTATCCTCTGATGACTTG
GGGAGGCTCTGTAGTGTCTTCTCCAGAGAAGCAGCCAGCGGACACGGTAAATCCAAGGTTTGAATCAG
GTACTGTTTTCCAGCAAAATAAGAAGGTGATGAGAAGACTAAAGTCAGAAGTCTGGCATCACTTTCCCT
GGCCCCATGGACAGTCTCAAAGCAGTGTCCGGTACTGTAGCTGCGTTATTAGTCGGGGGAAGAAGGGA



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GATGTTGGCACCAGTTGTTTGATGCGACACCTGTACAGACGCCACCCTGAGGTGGTTGGGAACCAGAAGG
 ACTTTCTGGGTGCAAGTTTGGCAAACCTCTCCATATGCCACTTTGGCTTCTGCAGAAAGCTCCTCCAAGTT
 AACTGACTTGCCAGCAGTGGTCAGAAAAACCATCAAGGTGTGTTTCTACTAATAGCAAGAAGACCTCA
 AAGCTGTGGAATCACTTTTCTATTTGTTGAGCAGACTCAACAAAGGTGGTGTGCCTGCACTGTGGCCGGA
 CCATCAGCAGGGGCAAGAAACCCACCAACCTGGGCACCAGCTGTCTCCTGAGACATCTGCAGCGGTTCCA
 TGGCCATGTACTCAAGAATGATGTCTCAGAGGCCACTCTGTCCCCTTCTCCAGGCATCCGGAGGCCTCTG
 GGCATAGAGCTCTCAGGGCCTTCTCTTTCCGTGACTCCACAGAGAAGTTCTATGACTCTCATCCAGTTG
 CCAAAAAAATCACAAGTCTCATAGCTGAAATGATTGCACTTGACCTTCAGCCATATTCCCTGTAGACAA
 CGTTGGCTTTAACAGGCTGCTCGAATACTTGAAACCTCAGTACTCTTTACCCTCCCCTTCTACTTCTCT
 AGAACAGCTATCCAGGTATGTATGACAATGTGAAACAGATAATTATGTCACATCTGAAGGAAGCTGAGA
 GTGGTGTGGTCACTTCACCTCTGGAATATGGATGAGTAGCCAGACTCGTGAATACCTGACCCCTTACAGC
 TCACTGGGTCACTTCGCATCCGCTGTCCGACCACATTGTGAGGACCACCATGCTCAGCACTTTTAGAT
 GTCTCACAATCGACTGTGACTATAGTGGAAATAGCATTGAGAAGCAGCTGGAGTGTGGTGGGAAGCCT
 GGGTGACTTCCATTGGCCTTCAGATTGGCATCACTGTCACTGACAATCCAAGCATAGGGAAGATGCTGAG
 TGAGGGTGAACACTCAAGTGTGCACTGCTTCAGTCACACAGTGAATCTGATTGTGAGCGAGGCTATCAAG
 AGCCAGAGGATGGTGCAGAACTTACTGAGTATTGCCCGGAAGCTGTGTGAGCGGGTCCATCGGTACCCCA
 GAGCAAGAGAGAAGTTAGCAGAACTGCAGAAAGAGTACGAGCTGCCACAGCACCAGCTGATCCAGGATGT
 ACCGTCTAAGTGGAGCACATCGTTCACATGCTCGAACGTCTGATTGAGCAGAAGAGGGCAGTTAATGAG
 GTATCCATTGAGTGTAACCTCAGAGAATTGATCAGCTGTGACCAGTGGGAGGTGATGCAGTCTGTGTGCC
 ATGTGCTGAGACCATTGATGCTGCAAGCCGAGAGATGAGTGCCACATGTCTACGCTGAGCCAGGTCAT
 CCCCATGATCCACATCCTCAGCAGAAAAGTGGAGATGCTGTTTGGGGAGACCATGGGCATTGACACCATG
 CTTAAGTCCCTGAAGGAAGCCATGGCAAGCCGCTGTCTGCCACACTCCATGACCCAGGTACATCTTTG
 CCACACTGCTGGACCCTCGCTACAAAGCTTCCCTGTTTACAGAGGAGGAGGCAGAGCAGTACAGGCAAGA
 CTTAATCAGGGAGCTAGAAATACTGAATTCTACCTCAGAGGACACTGCCACCTCCAATGGCTGTGACTCA
 GGGTCCCCACTTAAAGACACTGGCACAGAGGAGAGCCTGTGGTCACTCGCACCGATAAAGAGAGATCAGA
 GAGAGAAGCTACCTGAAGACATGGTGCTTGCATTTTGGAGGAAGAGGTGCTGGAACACAGCTGTGACCC
 ACTCACCTACTGGAACCTAAAGCGGTATCGTGGCCTGGGCTGTCTACCTTAGCAGTTTCGATTTCTGGGA
 TGTCCCCCAAGTACAGTCCCCTCAGAAAAGCTGTTTACGACACCCATGGATGCTGGCAGCTTTGGCCAGC
 CCAGGCTCATGATGGAGCATTTTGAAGAGCTCATCTTTTAAAGTGAATCTTCTTTAATATGCTTTCA
 GTATTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_181412

Insert Size:

3507 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_181412.3](#), [NP_852077.1](#)

RefSeq Size: 5403 bp

RefSeq ORF: 3507 bp

Locus ID: 223773

UniProt ID: [Q80WQ9](#)

Cytogenetics: 15 E3

Gene Summary: Transcriptional regulator that binds to poly-guanine tracts in gene promoters and activates transcription (By similarity). Able to bind single- and double-stranded DNA and RNA (PubMed:22693546).[UniProtKB/Swiss-Prot Function]