

Product datasheet for **SC329236**

ZBED6 (NM_001174108) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	ZBED6
Synonyms:	MGR
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>SC329236 representing NM_001174108.
Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTAGTGAACCGTCAGAAATTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGAGTGTATGTACTCTAAGTGTACCAAGTTTCTCACTCTCTCCTGGCAGAAGATGCAACACTTTTAGT
GATTCTGGGATTCTGGGATGTGTTCTATTAATTCTAATACAGATGAAGAAGATGTGGTAGAGGAAAAG
ATGGTAGCAGAAGGAGTGAATAAGAGGCAAAACAGCCTGCTAAAAAGAAAAGAAAGAGGGTTTGCGA
ATTAAGGGGAAAAGGCGTCGAAAAAATTGATTCTTGCCAAAAAGTTTAGTAAGGATTTGGGATCTGGG
AGGCTGTGTCAGATGCCCTGCTTTGTTAGCTTCCAATGACCCTGAGCAGGATGAAGAAAGTCTTTTT
GAGAGCAATATAGAAAAACAGATCTATCTACCTAGTACTAGAGCCAAGACCTCCATTGTGTGGCACTTC
TTTCATGTTGACCCCGTACACCTGGCGGGCCATTTGTAACCTCTGTGAGAAAAGCGTCAGCAGGGGT
AAACCAAGTAGCCATCTTGGTACATCTACTCTCAACGACATCTGCAAGCAAGGCATTCACCTCATTGG
ACCAGGGCCAAAGTTTGGAGTTGCTAGTGGAGAGGAGGACTTTACCTGGATGTGCTTTATCTCCC
TCTTCTGGAAGCAATGGAAGCTTTGAATATATTCTACTGATCCATTAGATGATAATAGAATGGCAAG
AAGCATGATAAATCAGCATCTGATGCCCTAAGGGCAGAAAAGAGGAGATTCTCATCAAAAGTAACATT
GTCAAGCATGCTTTAATTCCTGGAAGTACAGCCAAGACATCTGCCGTTTGAATTTTTTTACACTGAT
CCTCAGCACATCTCAAGAGCTGTGTGAATATATGTAAGAAAGTGTGAGCCGGGTAGGCCAGGGTCC
CACTTAGGGACTTCAACACTTCAACGACACCTGCAAGCCACACATCCTATCCATTGGGCTGTTGCCAAC
AAGACAGTGGTGCTGTTGCAAAATGGATTAGATGAAGCTGAGACTGAGAGAAAGTATCTCTTGAGTGAT
ACCTTCGATGGAGAAAAGTCTACAGGCAGCAAGATTTAAGCTGAGGACCTTAGTGACTCTGATTCA
GATGAACCTATGTTAGAGTTGAAAACAGATCTGAAAGTCTATTTCCGTTGCAGAGCAAGGCATCTG
ATGCGTGCGCAGGAGAGAGAAAACATGTTGTGGAATCCAGTCTCAAGTCACATAAGTCAGGCAATT
ATCCAAATGATTGTGGAGGATATGCATCCTTACAACATTTTCTCAACCCAGCCTTTAGAGGTTTATG
CAGATTGTGGCCCTGATTATAGGTTGCCATCAGAGACTTACTTTTTCTAAGGCTGTACCTCAGTTA
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GTTGACATATGGACCCATGACCCATCCACTGACTATTTTATGTGACTGTACTGGGTTTCTTTGGAA
ACTGCGTCTTTTCTCAATAATGGCAGGATCCCCGATTTTGAAGAGTGGGAGTCTTTGTGTTACAGGT
TTGGCTAAAGACTGTTTGATAACCAATATTTTACAAGAATTAATGACCAGATTGGTCTGTGGCTTTCT
CCAAATTTCTTATCCCTAGCTTCATTGTTTCTGACAATTCCTCTAATGTGGTACATGCAATCAAAGAT
GGTGGTTTTACCCATGTCCATGCTTCTGCAATGTTTAAATATGGTCATTGAGGACTTTTTCTGCGAG
CACAAAGCATTGAGAATATGTTAGTGGCTGCCAGGAAAAGTGTATCATTTTATGATTCGGTCAAG
GCCCCGTGAGATCTGCAAGAGTTCCAAATGATCACCACCTCCATGGAAGAATTTGAAGCAGGACGAA
ACTGGCCATTGGATTTCTACTTTTTATGTTAAATGGCTCTTGGAGCATTGCTACTCAGTTCACCAT
AGTCTTGGTAGGCCAGTGGAGTTGTGCTCACCTCCCTCAGTGGACTCTAATGACTTATGTTTGTGAT
ATTCTTAAGCCATTGAGGAGGCTACCCAGAAAAGTGAAGCGTGAAGACCGCAGGATTGAATCAGGTGCTA
CCCCTAATCCATCATCTACTCTTTCCCTGCAGAAAAGTCAAGAGATTTTCAAGTCAGAGGTATTACT
CAGGCCCTCAATCTGGTGGATAGTTTATCTCTGAAACTGAAACAGATACCTACTAAGTGCATGCTT
AAATCAAGCCCTGTATCTTGGCTACTTTGTTAGATCCTTGCTTTAAAAACAGTTTGAAGACTTTTTT
CCTCAAGGTGCTGATTTAGAACTTATAAGCAGTTCCTTGCAGAAAGAGTCTGTAATTATATGGAATCT
TCACCAGAGATCTGCCAAATTCACACTTCAGAAGCTTCTTGTCCCTCAGTTACAGTGGGAGCTGATTCA
TTTACCTCATCTCTAAAAGAAGGCACCTCCAGTTCAGGTTCTGTTGATAGCTCAGCTGTAGACAATGTT
GCCCTTGAAGCAAAAGCTTCATGTTCCCTTCTGCTGAGCAGTTGTGGATGAGTACTTCAAGAGAAG
TATTCAGAGTTCTCAGGAGGTGATGACCTTTAATTTACTGGCAGAGGAAGATAAGCATATGGCCGGCT
TTGACCCAGGTTGCCATCCAGTATCTAAGTTGCCCATGTGTAGTTGGCAATCTGAATGTATCTTTACT
AAAAATAGCCACTTTTATCCAAAACAGATCATGAGCCTGGACTTTGACAATATAGAACAACTGATGTTT
CTGAAAATGAAGTGAAGAAATGTTAACTACGATTATTCTACGTTGGTCTGAGCTGGGATCTGAGCAG
AATGAAGTTGTTCAAAGCAGTGAAGAAAGAAATACTGCCTTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC

Restriction Sites:

SgfI-MluI

ACCN:

NM_001174108

Insert Size:

2940 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).
OTI Annotation:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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:	<u>NM_001174108.2</u>
RefSeq Size:	3552 bp
RefSeq ORF:	2940 bp
Locus ID:	100381270
UniProt ID:	<u>P86452</u>
Cytogenetics:	1q32.1
MW:	110 kDa
Gene Summary:	The protein encoded by this transposon-derived intronless gene is a transcriptional repressor that binds to the consensus sequence 5'-GCTCGC-3'. The encoded protein has been shown to repress IGF2 transcription. This gene is located within the first intron of the ZC3H11A gene. [provided by RefSeq, Jul 2016]