

Product datasheet for MC226424

Zbed3 (NM_001302538) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Zbed3 (NM_001302538) Mouse Untagged Clone
Tag: Tag Free
Symbol: Zbed3
Synonyms: 0610037K01Rik; 2610005H11Rik; AU018975; AU024588
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Fully Sequenced ORF: >MC226424 representing NM_001302538
Red=Cloning site Blue=ORF Orange=Stop codon

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGAAGAGTAAAAAGCCCTGAAGATCACCATGGAAGACAGCCGGAGGCTTAATGACCCAGCGGAACAAG
GCGGCCTCTGTCCCGCGCCCGTGGGGCCATCATACTCCGAGGCCTGGGGCTACTTCCATCTGGACCCAGC
TCAGCCTAGGCACCGGATGATGAGCGCCTGGGCCACCTGCCGCTGTGCGGGCTGCAAGTGGGTGGCCTC
CCCACTTCCAGATGTGGACGCGGGCGCTGTGCCAGCACCTGAGTGATGTGCACCTGCCGGAGCTGAAGA
AGAGCGCTGCTCCGAGCTCGCCGACCACCATGCCCTGCCGCGCCGCGCCAGCCCAACCATGGCTGCCGA
GGGCGACTGGGCACGCCTGTTGGAGCAGATGGGTGAGCTGGCCATGCGGGGCAGCCAGCGGGAGCTGGAG
CTGGAGCGGCGCGAGGCGGCCCTAATGCAGGCGGAACTCGAGCTGGAGCGCAAGCGCCAGGCTCTGAAGC
AGGAGGCACAATCCGTGGAGCAGGAGCGCCACCACTACAGGTAGAGCGTGAAGCACTGAGTAAGTGGAT
AAAGAAGCAGAGCCCCGGTGCACAGGTCCCGGAACCGCCTCTCCCTGCCTCTGCTCCCAAGGAGGAC
CCTGACATCCATGACAACAAGTGACAATGATATGGTCACCAAGGTCCTGCT**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_001302538
Insert Size: 687 bp



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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:	Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
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_001302538.1</u> , <u>NP_001289467.1</u>
RefSeq Size:	1971 bp
RefSeq ORF:	687 bp
Locus ID:	72114
UniProt ID:	<u>Q9D0L1</u>
Cytogenetics:	13 D1
Gene Summary:	This gene encodes a member of the zinc finger protein superfamily. This protein may regulate the Wnt/beta-catenin signaling pathway. This protein may be involved in insulin resistance and type 2 diabetes in humans. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Oct 2014] Transcript Variant: This variant (2) differs in the 5' UTR compared to variant 1. Variants 1, 2 and 3 encode the same protein.