

Product datasheet for **MG202738**

Zbed3 (NM_028106) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Zbed3 (NM_028106) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zbed3
Synonyms:	0610037K01Rik; 2610005H11Rik; AU018975; AU024588
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG202738 representing NM_028106 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**

ATGAAGAGTAAAAGCCCTGAAGATCACCATGGAAGACAGCCGGAGGCTTAATGACCCAGCGGAACAAG
GCGGCCTCTGTCCCGCGCCCGTGGGGCCATCATACTCCGAGGCCCTGGGGCTACTTCCATCTGGACCCAGC
TCAGCCTAGGCACCGGATGATGAGCGCCTGGGCCACCTGCCGCCTGTGCGGGCTGCAAGTGGGTGGCCTC
CCCAACTTCCAGATGTGGACGCGGGCGCTGTGCCAGCACCTGAGTGATGTGCACCTGCCGGAGCTGAAGA
AGAGCGCTGCTCCGAGCTCGCCGACCACCATGCCCTGCCGCGCCGCCCAGCCCACCATGGCTGCCGA
GGGCGACTGGGCACGCCTGTTGGAGCAGATGGGTGAGCTGGCCATGCGGGGCAGCCAGCGGGAGCTGGAG
CTGGAGCGGCGCGAGGCGGCCCTAATGCAGGCGGAACTCGAGCTGGAGCGCAAGCGCCAGGCTCTGAAGC
AGGAGGCACAATCCGTGGAGCAGGAGCGCCACCAGCTACAGGTAGAGCGTGAAGCACTGAGTAAGTGGAT
AAAGAAGCAGAGCCCCGGTGCACAGGTCCCGGAACCGCCTCTCCCTGCCTCTGCTCCCAAGGAGGAC
CCTGACATCCATGACAACAACAGTGACAATGATATGGTCACCAAGGTCCTGCTG

ACGCGTACGCGGCGGCTCGAG - GFP Tag - GTTTAA



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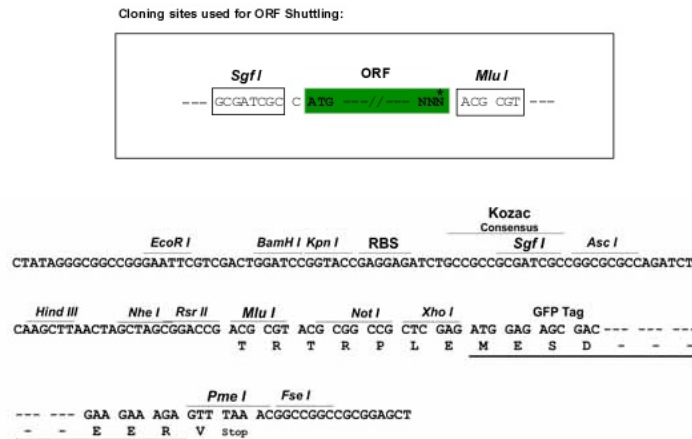
Protein Sequence: >MG202738 representing NM_028106
Red=Cloning site Green=Tags(s)

MKSKKPLKITMEDSRRLNDPAEQGGLCPAPVGPSYSEAWGYFHLDPAQPRHRMMSAWATCRLCGLQVGGL
PNFQMWTRALCQHLSDVHLPKLSAAPSPTTTPCPPPSPTMAAEGDWARLLEQMGEAMRGSQRELE
LERREAALMQAELELERKQALKQEAQSVQERHQLQVEREALSKWIKKQSPGAQVPEPPSPLPLPKED
PDIHDNNSDNDMVTKVLL

TRTRPLE - GFP Tag - V

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_028106

ORF Size: 684 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_028106.3](#)

RefSeq Size: 1894 bp

RefSeq ORF: 687 bp

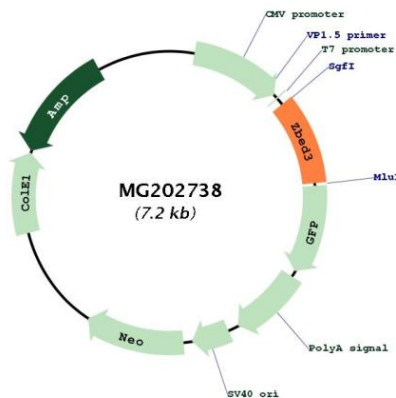
Locus ID: 72114

UniProt ID: [Q9D0L1](#)

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]

Product images:



Circular map for MG202738