

## Product datasheet for **MG201469**

### Zranb2 (BC051187) Mouse Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Zranb2 (BC051187) Mouse Tagged ORF Clone
Tag:	TurboGFP
Symbol:	Zranb2
Synonyms:	Zis, Znf265
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)
ORF Nucleotide Sequence:	>MG201469 representing BC051187 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**CGATCGCC**

ATGAAGATGATGCTGATCTCTCAAATATAATCTTGATGCCAGCGAAGAAGAAGATAGTAACAAAAAGAA  
AAGCAATAGGCGGAGCCGCTCAAAGTCACGATCGTCTCACTCAAGGTCTTCATCACGCTCATCTCCCC  
TCAAGTTCAGGTCCAGGTCCAGGTCCCGTTCAAGAAGCTCTCCAGTTCGCAGTCCAGGTCTCACTCCG  
GTTCCAGAGAACATTCCAGATCCCGTGGTTCGAAATCAAGATCCAGCTCCAGGTCCACAGGGGCTCTTC  
TTCCCAAGAAAAGATCTTATTCGAGTCTTCGTCATCTCCTGAAAGAGACAGGAAGAGGAGTCGCTCT  
AGACCTTCTTCACCAGCTGTTTCGAAAAAAGACGAACGAGATCACGGTCACCCGAAAGGCACCACAGGT  
CGTCCTCCGGATCAACACATTCTGGTTCCTGTTCAAGTTCAAAAAGAAATAATGTATTAATTTACAT  
CTTAAAAAACATTGAGTACAGTGCA

**ACGCGT**ACGCGGCCGCTCGAG - GFP Tag - GTTTAA

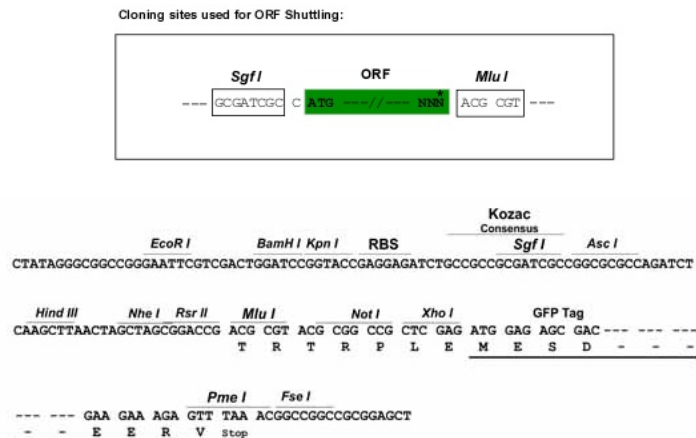
Protein Sequence:	>MG201469 representing BC051187 Red=Cloning site Green=Tags(s)
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MKMLISQNIILMPAKKKIVTKRKAIGGAAQSHDRLTQGLHHAHPPPVQGPVQGPVQALPVRSPGLTP  
VPENIPDPVVRNQDPAPGPTGALLPQEKDLIRVLRHLLKETGRGVALDLLHQLFAKKDERDHGHPKGTG  
RPPDQHILVPVQVQKRNNVLKFTSLKNIEYSA

**TRTRPLE** - GFP Tag - V

Restriction Sites:	SgfI-MluI
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**Cloning Scheme:**


**ACCN:** BC051187

**ORF Size:** 516 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:** [BC051187.1](#)

**RefSeq Size:** 2224 bp

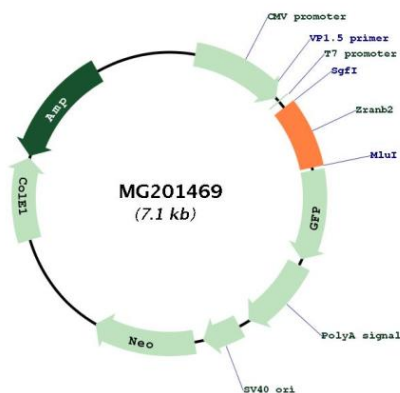
**RefSeq ORF:** 518 bp

**Locus ID:** 53861

**Cytogenetics:** 3 H4

**Gene Summary:** Splice factor required for alternative splicing of TRA2B/SFRS10 transcripts. May interfere with constitutive 5'-splice site selection (By similarity).[UniProtKB/Swiss-Prot Function]

## Product images:



Circular map for MG201469