

Product datasheet for MR201469

Zranb2 (BC051187) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids

Product Name: Zranb2 (BC051187) Mouse Tagged ORF Clone

Tag: Myc-DDK Symbol: Zranb2

Synonyms: Zis, Znf265

Mammalian Cell Neomycin

Selection:

Vector:pCMV6-Entry (PS100001)E. coli Selection:Kanamycin (25 ug/mL)

ORF Nucleotide >MR201469 representing BC051187

Sequence: Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC

GCCGCGATCGCC

CTTTAAAAAACATTGAGTACAGTGCA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT

ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR201469 representing BC051187

Red=Cloning site Green=Tags(s)

MKMMLISQNIILMPAKKKIVTKRKAIGGAAQSHDRLTQGLHHAHPPPQVQGPGPGPVQEALPVRSPGLTP VPENIPDPVVRNQDPAPGPTGALLPQEKDLIRVLRHLLKETGRGVALDLLHQLFAKKDERDHGHPKGTTG

RPPDQHILVPVQVQKRNNVLKFTSLKNIEYSA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms: https://cdn.origene.com/chromatograms/mm9042 h11.zip



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ORF Size:

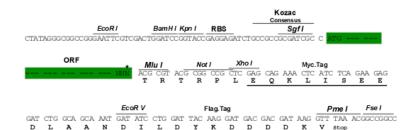
Restriction Sites:

Sgfl-Mlul

Cloning Scheme:

Cloning sites used for ORF Shuttling:

Sgf1 ORF Miul



^{*} The last codon before the Stop codon of the ORF

ACCN: BC051187

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.

516 bp

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>BC051187.1</u>

RefSeq Size: 2224 bp

RefSeq ORF: 518 bp



 Locus ID:
 53861

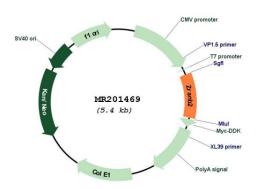
 Cytogenetics:
 3 H4

 MW:
 81.5 kDa

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 MR201469