

Product datasheet for MR201001

Tifab (NM_145976) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Tifab (NM_145976) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Tifab
Synonyms: MGC32345; MGC37193
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR201001 representing NM_145976.
Blue=ORF Red=Cloning site Green=Tag(s)

```
GCTCGTTTGTAGTGAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGCCGGGAATTCGTGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGAGGCCCTCACAGTCTGCAGGTGAGCCTGTACCACCCTACACAGGGCCCGGTGCGCTTTGCC
CACGTCCACAGCAGCTGCAACATGACGCCAGCCGGCTGTTGGTTGGGCGAGGACAGAACACCCATCTC
CAGCTGCAGTGCACAGTTGTCTCGCTACCATTTGTCCCTGGAACCCTACCTGGAGAAAGGCAGCAGT
CTGCTGGCCTTCTGCCTCAAGGTGCTGACCCGCAAGAGCTGTGTGTGGGTCAACGGGCTGCCACTGAGG
TACTTGGAGCAGGTTCCCTTGGGCACCATCAACAGAATCTCCTTCTTGGCATCCAGATGCTAGTCCGC
AAAGAGGGGGGAGCCTCCCTTGGACCTTTGTCTGCTACTTCCATCTCAGCCCTCACCCCTGATTTAC
AGACCAAGGCTCAGGAGACAGATGAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGGC
```

Protein Sequence: >Peptide sequence encoded by MR201001
Blue=ORF Red=Cloning site Green=Tag(s)

```
MERPLTVLQVSLYHPTQGPVAF AHVPQQLQHDASRLLVGRGQNTLQLQLPQLSRYHLSLEPYLEKGS
LLAFCLKVLTRKSCVWVWGLPLRYLEQVPLGTINRISFSGIQMLVRKEGGASLETFVCFHLSPLIY
RPKAQETDE
TRTRPLEQKLISEEDLAANDILDYKDDDDKV
```

Restriction Sites: Sgfl-MluI



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Cloning Scheme:


ACCN: NM_145976

ORF Size: 441 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.

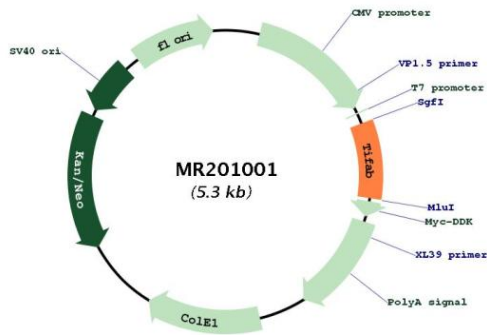
RefSeq Size: 3434 bp

RefSeq ORF: 444 bp

Locus ID: 212937

UniProt ID: [Q8JZM6](#)
 Cytogenetics: 13 B1
 MW: 16.6 kDa
 Gene Summary: Inhibits TIFA-mediated TRAF6 activation possibly by inducing a conformational change in TIFA. [UniProtKB/Swiss-Prot Function]

Product images:



Circular map for MR201001