

Product datasheet for **RG220816**

TIFAB (NM_001099221) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: TIFAB (NM_001099221) Human Tagged ORF Clone
Tag: TurboGFP
Symbol: TIFAB
Mammalian Cell Selection: Neomycin
Vector: pCMV6-AC-GFP (PS100010)
E. coli Selection: Ampicillin (100 ug/mL)
ORF Nucleotide Sequence: >RG220816 representing NM_001099221
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGAGAAGCCCCTACCGTCTGCGAGTGAGCCTGTACCATCCCACGCTGGGCCATCTGCCTTTGCCA
 ATGTCCCACACGGCTGCAGCATGATACAGCCCTCTGCTTCTCGGACGGGGCAGGACGCCACCTCCA
 GCTGCAGCTCCCTCGCCTCTCCCGCCGTACCTGTCCCTGGAGCCCTACCTGGAGAAAGGCAGTGCCTG
 CTGGCCTTCTGCCTCAAGGCCCTGAGCCGCAAGGGTGTGTGGGTCAATGGGCTGACGCTGAGGTACC
 TGGAGCAGGTCCCCTGAGCACCCTCAACAGGGTCTCCTTCTCAGGCATCCAGATGCTGGTTCGCGTAGA
 AGAAGGCACATCCCTGGAGGCTTTTGTCTGCTATTTCCATGTAGCCCTTACCCCTGATTTACAGACCT
 GAGGCTGAGGAACTGACGAATGGGAAGGCATCTCCAGGGGCAGCCTCCCCTGGTTCAGGG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG220816 representing NM_001099221
 Red=Cloning site Green=Tags(s)
 MEKPLTVLRVSLYHPTLGPSTAFANVPPRLQHDTSPLLLGRGQDAHLQLPRLSRRHLSLEPYLEKGSAL
 LAFCLKALSRKGCVWVNGLTRYLEQVPLSTVNRVSFSGIQMLVRVEEGTSLEAFVCFYHVSPLIYRP
 EAEETDEWEGISQGPPPGSG

TRTRPLE - GFP Tag - V

Restriction Sites: Sgfl-MluI



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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:	<ol style="list-style-type: none">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:	NM_001099221.2
RefSeq Size:	1285 bp
RefSeq ORF:	486 bp
Locus ID:	497189
UniProt ID:	Q6ZNK6
Cytogenetics:	5q31.1
Gene Summary:	TIFAB associates with TIFA (MIM 609028) and inhibits TIFA-mediated activation of NF-kappa-B (NFKB1; MIM 164011) (Matsumura et al., 2004 [PubMed 15047173]).[supplied by OMIM, Mar 2009]