

# Product datasheet for RG220816

## TIFAB (NM\_001099221) Human Tagged ORF Clone

## **Product data:**

### OriGene Technologies, Inc.

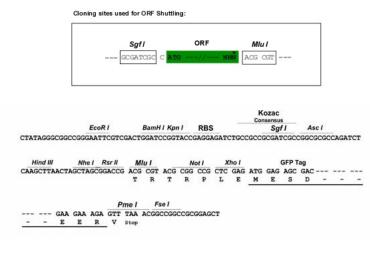
9620 Medical Center Drive, Ste 200 Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com CN: techsupport@origene.cn

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:	<pre>&gt;RG220816 representing NM_001099221 Red=Cloning site Blue=ORF Green=Tags(s)</pre>	
	TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCGCGATCGCC	
	ATGGAGAAGCCCCTCACCGTCCTGCGAGTGAGCCTGTACCATCCCACGCTGGGCCCATCTGCCTTTGCCA ATGTCCCACCACGGCTGCAGCATGATACCAGCCCTCTGCTTCTCGGACGGGGGCAGGACGCCCACCTCCA GCTGCAGCTCCCTCGCCTCTCCCGCCGTCACCTGTCCCTGGAGCCCTACCTGGAGAAAGGCAGTGCCCTG CTGGCCTTCTGCCTCAAGGCCCTGAGCCGCAAGGGCTGTGTGTG	
	ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA	
Protein Sequence:	<pre>&gt;RG220816 representing NM_001099221 Red=Cloning site Green=Tags(s)</pre>	
	MEKPLTVLRVSLYHPTLGPSAFANVPPRLQHDTSPLLLGRGQDAHLQLQLPRLSRRHLSLEPYLEKGSAL LAFCLKALSRKGCVWVNGLTLRYLEQVPLSTVNRVSFSGIQMLVRVEEGTSLEAFVCYFHVSPSPLIYRP EAEETDEWEGISQGQPPPGSG	
	TRTRPLE - GFP Tag - V	
<b>Restriction Sites:</b>	Sgfl-Mlul	

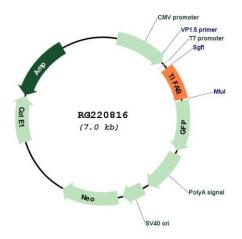


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### **Cloning Scheme:**



#### Plasmid Map:



ACCN:	NM_001099221
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#### 483 bp

**OTI Disclaimer:** 

**ORF Size:** 

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. <u>More info</u>

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Service TIFAB (NM_001099221) Human Tagged ORF Clone – RG220816		
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> <li>Centrifuge at 5,000xg for 5min.</li> <li>Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li> <li>Close the tube and incubate for 10 minutes at room temperature.</li> <li>Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li> <li>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.</li> </ol>	
RefSeq:	<u>NM 001099221.2</u>	
RefSeq Size:	1285 bp	
RefSeq ORF:	486 bp	
Locus ID:	497189	
UniProt ID:	<u>Q6ZNK6</u>	
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]	

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