

## Product datasheet for **RG202996**

### ETEA (FAF2) (NM\_014613) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	ETEA (FAF2) (NM_014613) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	FAF2
Synonyms:	ETEA; UBXD8; UBXN3B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



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**ORF Nucleotide Sequence:**

>RG202996 representing NM\_014613  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**GCGATCGCC**

ATGGCGGCGCCTGAGGAGCGGGATCTAACCCAGGAGCAGACAGAGAAGCTGCTGCAGTTTCAGGATCTCA  
 CTGGCATCGAATCTATGGATCAGTGTGCCATACCTTGGAAACAGCATAACTGGAACATAGAGGCTGCTGT  
 ACAGGACAGATTGAATGAGCAAGAGGGCGTACCTAGTGTTCACCCACCTCCATCACGACCCCTGCAG  
 GTTAATACAGCTGACCACAGGATCTACAGCTATGTTGTCTCAAGACCTCAACCAAGGGGGCTGCTTGGAT  
 GGGGTTACTTACTGATAATGCTTCCATTCCGGTTACCTATTACAGGATACTTGATATTTAGGTTTGC  
 TCTTCGTTTTATACGGCCTGACCCTCGCAGCCGGGTCACTGACCCCGTTGGGGACATTGTTTCATTTATG  
 CACTCTTTTGAAGAGAAATATGGGAGGGCACACCTGTCTTACCAGGGAACGTACAGCCAGGCACCTTA  
 ACGATGCCAAAAGGGAGCTTCGCTTTCTTTGGTTTATCTTCATGGAGATGATCACCAGGACTCTGATGA  
 GTTTTGTGCGAACACACTCTGTGCACCTGAAGTTATTTCACTAATAAACACTAGGATGCTCTTCTGGGCA  
 TGCTCTACAAACAACTGAGGGATACAGGGTCTCACAGGCTTACGAGAGAACCTATCCATTCTCTGG  
 CCATGATTATGCTGAAGGATCGAAGGATGACTGTGGTGGGACGGCTAGAAGGCCCTCATTCAACCTGATGA  
 CCTCATTAACCAACTGACATTTATCATGGATGCTAACCCAGACTTACCTGGTGTGAGAACGCCCTAGAAAGG  
 GAAGAAAGAAACAGACCCAAGTCTGAGACAACAGCAGGATGAGGCCTACCTGGCCTCTCTCAGAGCTG  
 ACCAGGAGAAAGAAAGAAAGAAACGGGAGGAGCGGGAGCGTAAGCGGCGGAAGGAGGAGGAGGTGCAACA  
 GCAAAAGTTGGCAGAGGAGAGACGGCGGCAGAAATTTACAGGAGGAAAAGGAAAGGAAAGTTGGAATGCCTG  
 CCCCTGAACCTTCCCCTGATGACCCTGAAAGTGTCAAGATCATCTTCAAATTACCTAATGATTCTCGAG  
 TAGAGAGACGATTCCACTTTTACAGTCTTAACAGTAATCCACGACTTCTTATTCTCCTTGAAGGAAAG  
 CCCAGAAAAGTTTCAGATTGAAGCCAATTTCCAGGCGAGTGTGCCCTGCATCCCTTCAGAGGAGTGG  
 CCCAATCCCCTACGCTACAGGAGGCGGACTCAGCCACACAGAAGTTCTTTTGTTCAGGACCTAACTG  
 ACGAA

**ACGCGT**ACGCGGCCGCTCGAG – GFP Tag – GTTTAA

**Protein Sequence:**

>RG202996 representing NM\_014613  
 Red=Cloning site Green=Tags(s)

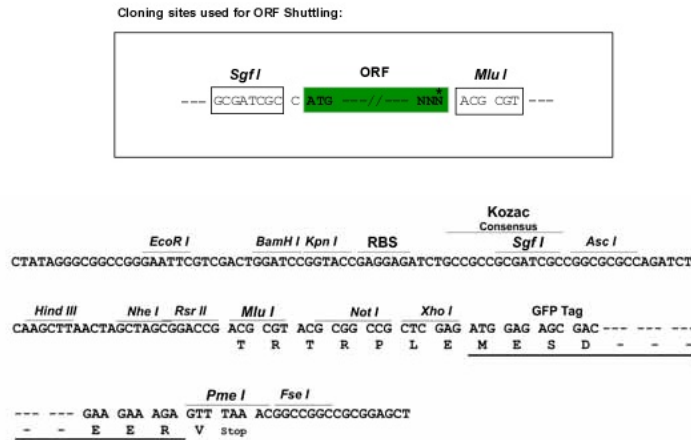
MAAPEERDLTQEQTAKLLQFQDLTGIESMDQCRHTLEQHNWNIEAAVQDRLNEQEGVPSVFNPPPSRPLQ  
 VNTADHRIYSYVSRPQPRGLLGWGYLIMLPFRFTYYTILDIRFALRFIRPDPRSRVTDVPGDIVSFM  
 HSFEKEYGRAHPVYQGTYSQALNDAKRELRFLVYLHGDDHQDSDEFRCNTLCAPEVISLINTRMLFWA  
 CSTNKPEGYRVSQALRENTYFPFLAMIMLKDRRMTVVGRLEGLIQPDDLINQLTFIMDANQTYLVSERLER  
 EERNQTQVLRQQDEAYLASLRADQEKERKKREERERKRRKEEVQQQLAEERRRQNLQEEKERKLECL  
 PPEPSPDDPESVKIIFKLPNDSRVERRFHFSQSLTVIHDFLFLSKESPEKFIQIANFPRVLPICIPSEEW  
 PNPPTLQEAGLSHTEVLVFDLTD

**TRTRPLE** – GFP Tag – V

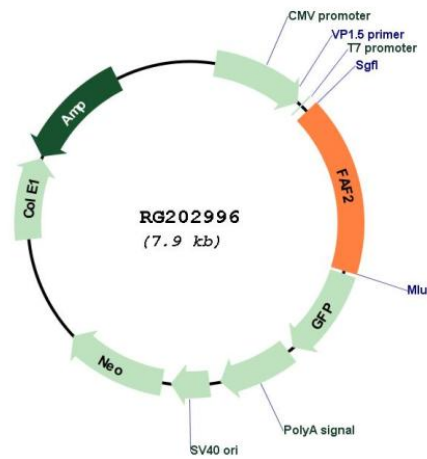
**Restriction Sites:**

Sgfl-MluI

Cloning Scheme:



Plasmid Map:



ACCN: NM\_014613

ORF Size: 1335 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.

<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<a href="#">NM_014613.3</a>
<b>RefSeq Size:</b>	4515 bp
<b>RefSeq ORF:</b>	1338 bp
<b>Locus ID:</b>	23197
<b>UniProt ID:</b>	<a href="#">Q96CS3</a>
<b>Cytogenetics:</b>	5q35.2
<b>Domains:</b>	UBX, UAS
<b>Gene Summary:</b>	The protein encoded by this gene is highly expressed in peripheral blood of patients with atopic dermatitis (AD), compared to normal individuals. It may play a role in regulating the resistance to apoptosis that is observed in T cells and eosinophils of AD patients. [provided by RefSeq, Jul 2008]