

Product datasheet for **RC202996**

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:	Myc-DDK
Symbol:	ETEA
Synonyms:	ETEA; UBXD8; UBXN3B
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC202996 representing NM_014613
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGCGGCGCCTGAGGAGCGGGATCTAACCCAGGAGCAGACAGAGAAGCTGCTGCAGTTTCAGGATCTCA
 CTGGCATCGAATCTATGGATCAGTGTCCGACATACCTTGGAACAGCATAACTGGAACATAGAGGCTGCTGT
 ACAGGACAGATTGAATGAGCAAGAGGGCGTACCTAGTGTTCACCCACCTCCATCACGACCCCTGCAG
 GTTAATACAGCTGACCACAGGATCTACAGCTATGTTGTCTCAAGACCTCAACCAAGGGGGCTGCTTGGAT
 GGGGTTACTTACTGATAATGCTTCCATTCCGGTTACCTATTACAGGATACTTGATATTTAGGTTTGC
 TCTTCGTTTTATACGGCCTGACCCTCGCAGCCGGGTCACTGACCCCGTTGGGGACATTGTTTCATTTATG
 CACTCTTTGAGAGAAATATGGGAGGGCACACCTGTCTTCTACCAGGGAACGTACAGCCAGGCACTTA
 ACGATGCCAAAAGGGAGCTTCGCTTTCTTTGGTTTATCTTCATGGAGATGATCACCAGGACTCTGATGA
 GTTTTGTGCAACACACTCTGTGCACCTGAAGTTATTTCACTAATAAACACTAGGATGCTCTTCTGGGCA
 TGCTCTACAAACAACTGAGGGATACAGGGTCTCACAGGCTTACGAGAGAACCTATCCATTCTCGG
 CCATGATTATGCTGAAGGATCGAAGGATGACTGTGGTGGGACGGCTAGAAGGCCCTCATTCAACCTGATGA
 CCTCATTAACTGACATTTATCATGGATGCTAACCCAGACTTACCTGGTGTGAGAACGCCCTAGAAAGG
 GAAGAAAGAAACCAGACCAAGTCTGAGACAACAGCAGGATGAGGCCTACCTGGCCTCTCTCAGAGCTG
 ACCAGGAGAAAGAAAGAAAGAAACGGGAGGAGCGGGAGCGTAAGCGGCGGAAGGAGGAGGAGGTGCAACA
 GCAAAAGTTGGCAGAGGAGACGGCGGAGCAATTTACAGGAGGAAAAGGAAAGGAGTTGGAATGCCTG
 CCCCTGAACCTTCCCCTGATGACCCTGAAAGTGTCAAGATCATCTTCAAATTACCTAATGATTCTCGAG
 TAGAGAGACGATTCCACTTTTACAGTCTCAACAGTAATCCACGACTTCTTATTCTCTGAAGGAAAG
 CCCAGAAAAGTTTCAGATTGAAGCCAATTTCCAGGCGAGTGTGCTGCCCTGCATCCCTTCAGAGGAGTGG
 CCCAATCCCCTACGCTACAGGAGCGGACTCAGCCACACAGAAGTTCTTTTGTTCAGGACCTAACTG
 ACGAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RC202996 representing NM_014613
 Red=Cloning site Green=Tags(s)

MAAPEERDLTQEQTAKLLQFQDLTGIESMDQCRHLEQHNWNIEAAVQDRLNEQEGVPSVFNPPPSRPLQ
 VNTADHRIYSYVSRPQPRLLGWGYLIMLPFRFTYITLDIFRFALRFIRPDPRSRVTDVPGDIVSFM
 HSFEELYGRAHPVIFYQGTYSQALNDAKRELRFLLVYLHGDDHQDSDEFRCNTLCAPEVISLINTRMLFWA
 CSTNKPEGYRVSQALRENTYPFLAMIMLKDRRMTVVGRLEGLIQPDDLINQLTFIMDANQTYLVSERLER
 EERNQTQVLRQQQDEAYLASLRADQEKERKREERERKRRKEEVQQQLAEERRRQNLQEEKERKLECL
 PPEPSPDDPESVKIIFKLPNDSRVERRFHFSQSLTVIHDFLFLSKESPEKFIQIEANFPRRVLPCIPSEEW
 PNPPTLQEAAGLSHTEVLFVQDLTDE

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mg4737_h01.zip

Restriction Sites:

Sgfl-Mlul

Cloning Scheme:


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.

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: [NM_014613.3](#)

RefSeq Size: 4515 bp

RefSeq ORF: 1338 bp

Locus ID: 23197

UniProt ID: [Q96CS3](#)

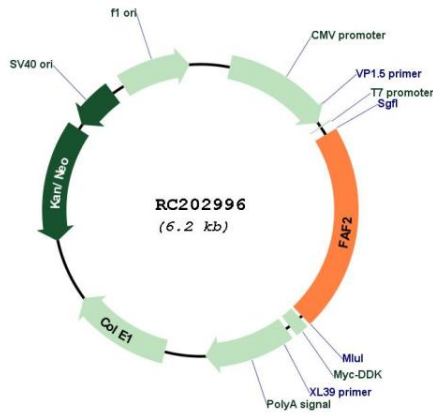
Cytogenetics: 5q35.2

Domains: UBX, UAS

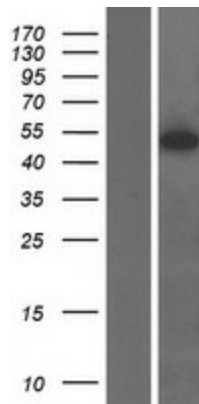
MW: 52.4 kDa

Gene Summary: 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]

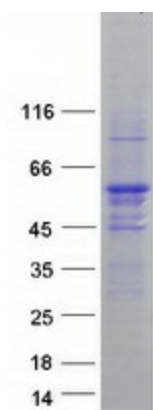
Product images:



Circular map for RC202996



Western blot validation of overexpression lysate (Cat# [LY415165]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC202996 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).



Coomassie blue staining of purified FAF2 protein (Cat# [TP302996]). The protein was produced from HEK293T cells transfected with FAF2 cDNA clone (Cat# RC202996) using MegaTran 2.0 (Cat# [TT210002]).