

Product datasheet for **RC233682**

FAM47E (NM_001242936) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM47E (NM_001242936) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FAM47E
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC233682 representing NM_001242936 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGCAGATGTCTGTGCCGTGCGTCTTGTCAGCCTGCAGAACCATGAGCCAAATAAACCTCTTTTCACTA
CCCAATCTCAGCTCTTATCAAAGGTGCTGGAAGTGCTTGATCCTGACCGAAGCTGGAGGACACATGGGC
TTATTGTCAGGACACCAGGAAAGGAATGAAGGAACCCACGAAGCTTTAAAAAACATTCTACCCAAGTC
TACCTGGGACCTTCCAAGAAGACGTCTGTGTCAAACGCAGGCCAATGGCTTTATGAAGAAAAGCCACATA
AAATGGATTTGCTCCATGAAATGGTCTCGTCCTGGTCTTCATGAAAATGTATGCAAAGCAGTTAGTGA
CTTCTGCAAGTGGTTACTACTTTTGGAAATTCGGACATCGATGAAGAGTTCATCTTGAAACAGTTTGAC
ATTGACTATGAGACCAAACCAAGCCATGATGCGCTCCACACGATGAAGCTAAATCAGGTTCTCTGGAGC
TAAAGCGTAGTGTGGGGCTCAGTAACTGCAGGAGACAGAGTTCTTCAGAACTAGGCTATGAGAGGAA
ACTCCAGAAACCACAGAATCCTTATAAGCCAAAGTGGGTGAAGATGAGGTATGGAGCATGGTATTTGAAC
CCCAAGTTGTGAAAAAGCAAAGAGTAGACGAGCCTCTGGTTGACCTGAGGTCTCACATAAGGCTCAAG
AGGAGAATTTAAAAAGGAGCTGCAGGAACAGGAGGAGTTACTTGACAGCCTTCACGGAACAGTTGCCTT
TAAGGATTTATTCTAAGCAGGGGCTACAGGACGCCACGTTTCCTTGAGAATATGTATATCGGGAAGGAA
TGTAACGTGCATGTAATAAGACTCCTATAAACGAACCAAGCA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



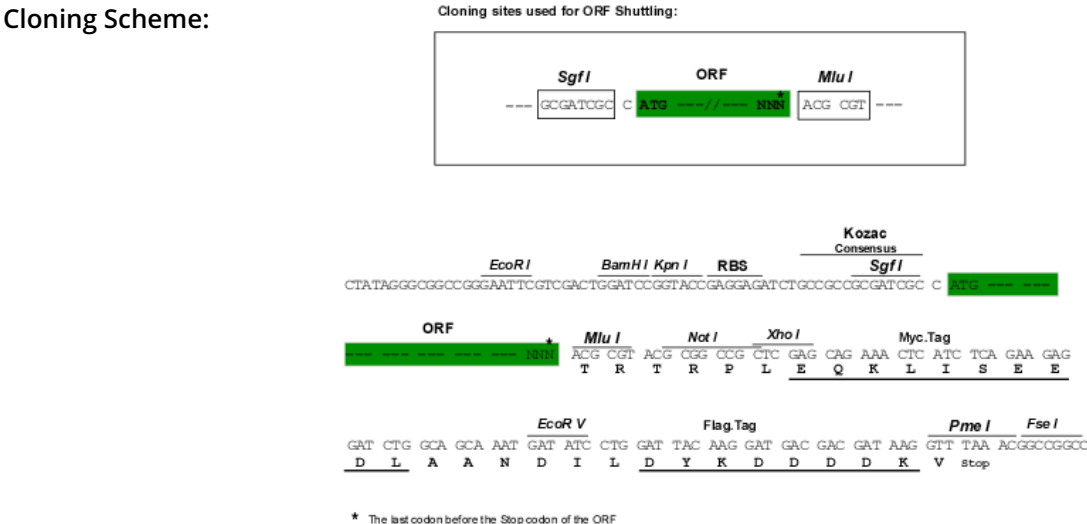
[View online »](#)

Protein Sequence: >RC233682 representing NM_001242936
 Red=Cloning site Green=Tags(s)

MQMSVPCVLSSLQNHENKPLFTTQSQLLSKVLEVLPDRKLEDTWAYCQDTRKGMKEPTKLLKKHSTQV
 YLGPSKKTSSVSNAGQWL YEEKPHKMDLLHENGPRPGLHENVCKAVSDFCKWVTTFGISDIDEEFILKQFD
 IDYETKPSHDALHTMKNQVPLELKRSVGLSKLQETEFFQKLGYERKLQKPQNPYKPKWVKMRYGAWYLN
 PKLWKKQRVDEPLVDPEVSHKAQEENFKKELQEQEELLADLHGTVAFKDFILSRGYRTPRFLENMYIGKE
 CKRACNKTPIKRTQA

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



ACCN: NM_001242936

ORF Size: 885 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001242936.1](#), [NP_001229865.1](#)

RefSeq Size: 1627 bp

RefSeq ORF: 888 bp

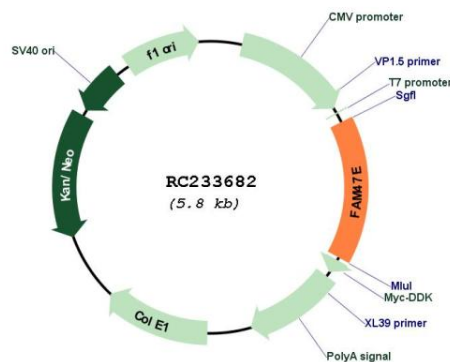
Locus ID: 100129583

UniProt ID: [Q6ZV65](#)

Cytogenetics: 4q21.1

MW: 35 kDa

Product images:



Circular map for RC233682