

Product datasheet for **RC226381**

FAM135A (NM_001105531) Human Tagged ORF Clone

Product data:

| | |
|--------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | FAM135A (NM_001105531) Human Tagged ORF Clone |
| Tag: | Myc-DDK |
| Symbol: | FAM135A |
| Synonyms: | KIAA1411 |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Cell Selection: | Neomycin |
| ORF Nucleotide Sequence: | >RC226381 representing NM_001105531 Red=Cloning site Blue=ORF Green=Tags(s) |

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGACTGAAGTTCAGCAATGGTAGAATTCTCTGTGGAGCTAAACAAGTCTACAATGTGGATTTGTTTC
AGAGAGGTTTTACCAGATTCGTGCTTCTATGAAAATCCATCAAGAATCCCCACAGAGTAGAAGCTAG
TTTGTTCATGCAACAGGTATGACTTTAGCCTTCCAGCCTCAGTTCATGATTCTCTAATTTGCAGTAAA
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TATTGGATGAAAGAAAGATTGAAGAAACCTTGAGGAAATGAATTTTCTATTATCCTTGGATCTACACTT
CACAGATGGAGATTATTCGGCAGATGATCTGAATGCCTTGCAACTAATAAGTAGCCGAACATTGAAGCTG
CACTTTAGCCCCATAGAGGCCCTTCATCATCATGTTAATGTTATGTTTGATTACTCCACCTTTCTGTTG
TGTCTGTTACAGTTCATGCATCATTGGTTGCACTACACCAGCCACTAATAAGCTTTCCTCGCCCTGTGAA
GACAACCTGGTTAAATAGAAATGCACCAGCACAAAACAAGATTCCGTGATTCTACTCTTGAAAGTGTG
GTCTTTGGTATTAACACAAAAACAGTTATCACCAGATGGTTGTAGCTTCATCATTGCAGACTCCTTCC
TACATCATCGGTATCGTTTTTCATTATACACTTTTGCCACTTTGCTGCTAGCCTTCAAGGGATTGCACAG
CTACTTCATTACAGTAACAGAAGAGATTCTTCTGTGCAGAACTAGAAGTGGAGGAAATGGATGTAGAA
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TAAACATTTGAAAAGGAAGCTTTGCAAGAAGCAAAGTGTCTTTCTATTGGAGAATCATTAACATAAATTACG
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CTACAACAGCAGTGTCTTGTAAATACAGGTCTCTGGTTATGCAGAAATGGA AAAAATCAGGTTTCGCTT
TTGCAGCTGACATGTGAGATCACTCAGACCCTCGCCAACTTTTTTATATAAGCTTAGTAACAAAGCAG
GGCTTCATATTTCAAAAATGTTGTGCTAGTGGGATCCCTACAGGATCGCTATGTTCTTATCACTCTGC
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GAAATCTTTCTGGTTGCTGCCCTCAAATATTTCCAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC226381 representing NM_001105531
 Red=Cloning site Green=Tags(s)

MTEVQAMVEFSVELNKFYNVDLFRQGFYQIRASMKIPSRIPHRVEASLLHATGMTLAFPASVHDSLICKS
 TFQILYKNEEVVLDVMIFVKMLLDERKIEETLEEMNFLLSLDLHFTDGDYSADDLNLQLISSRTLKL
 HFSPHRGLHHHVNFDFYHLSVSVTVHASLVALHQPLISFPRPVKTTWLNRRNAPAQNKDSVIPTLESV
 VFGINYTKQLSPDGCSEIADSFLHHAYRFHYTLATLLAFKGLHSYFITVTEEIPSCQKLELEEMDVE
 ARLTELCEEVKIENPDELAELINMNLAQCSLLMALWGQFLEVITLHEELRILLAQEHHLTRVRRFSEA
 FFCFEHPREAAIAYQELHAQSHLQMCTAIKNTSFCSSLPPLPIECSELDGDLNSLPPIIFEDRYLDSVTEG
 KLDISQDDSEITQMEHNLASRRSSDDCHDHTTPSLGVRTIEIKPSNKDPFSGENITVKLGPWTELQEE
 ILVDNLLPNFESLESNGKSKSIEITFEKEALQEAKCLSIGESLTKLRNLPAPSTKEYHVVVSGDTIKLP
 DISATYASSRFSDSGVESEPFATHPNTDLVFETVQGGQPCNSERLFPQLLMPKPDYNVKFSLGNHCTES
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 VVFSGNLDNETVAIHSLNSSIKDPLQVFVDEETSSDVKSSCSSKPNLDMCKGFQSPDKSNNSTGTAIT
 LNSKLIICLGTPCVISGSISSNTDVSERDMKKNSDVLNLQMYSEIPTVESETHLGTSDPFASSTDIVKQ
 GLVENYFGSQSSTDISDCAVSYSNALSPQKETSEKEISNLQQEQDKEDEEEEQDQMQVQNGYYEETDYS
 ALDGTINAHYTSRDELMEERLTKSEKINSYDLRGINMPTVCTSGCLSFPSAPRESPCNVYSSKSKFDA
 ITKQPSSTSYNFTSSISWYESSPKPIQAFQAKEELKLLKLPGFMYSEVPLASSVPYFVSEEDGSED
 GVHLIVCVHGLDGSADLRLVKTYIELGLPGGRIDFLMSERNQNDTADFDSMTDRLLDEIQYIQIYSL
 TVSKISFIGHSLGNLIIRSVLTRPRFKYYLNKLHTFLSLSGPHLGLYNSALVNTGLWFMQKWKKSGSL
 LQLTCRDHSDPRQTFLYKLSNAGLHYFKNVVLVGSQDRYVVPYHSARIEMCKTALKDKQSGQIYSEMIH
 NLLRPVLQSKDCNLVRYNVINALPNTADSLIGRAAHI AVL DSEIFLEKFFLVAALKYFQ

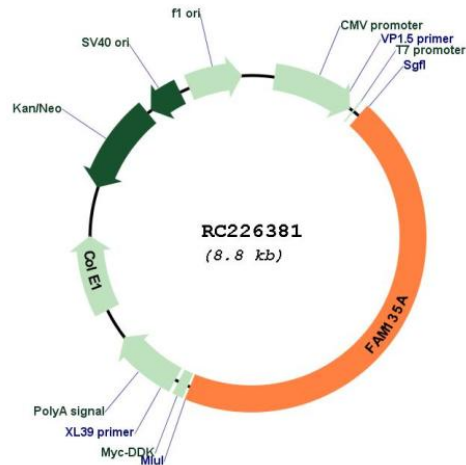
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



Plasmid Map:


ACCN: NM_001105531

ORF Size: 3957 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_001105531.2](#), [NP_001099001.1](#)

RefSeq Size: 5747 bp

RefSeq ORF: 3960 bp

Locus ID: 57579

UniProt ID: [Q9P2D6](#)

Cytogenetics: 6q13

MW: 148.1 kDa