

Product datasheet for **RC233673**

FAM181A (NM_001207072) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	FAM181A (NM_001207072) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	FAM181A
Synonyms:	C14orf152
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RC233673 representing NM_001207072 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**C

ATGGCATCCGACAGTGATGTGAAGATGCTGCTGAACTTCGTGAACCTGGCGTCCAGCGACATCAAGGCAG
 CCCTGGATAAGTCCGCACCCTGCCGCCGCTCCGTGGACCATCGCAAGTACCTGCAGAAGCAGCTCAAGCG
 CTTCTCCAGAAGTATCCCGGCTCCCGCGGGCCTTCCTGGCAGAGCTGCTGAGCCCTACCTGAAAAGG
 GGGTCTGAGGACCGCCAGGAGGCTGCTCCTGGATTTGGGCCCTGATTCCAGCCCCGGCGGGGTGGG
 GCTGCAAGGAGAAGGTGCTGAGGAACCCCTACAGGGAGGAATGTCTTGCTAAGGAGCAGCTCCACAGAG
 GCAGCATCCAGAAGCTGCCCAGCCTGGCCAGGTGCCCATGAGGAAAAGACAGCTGCCCGCTTCCTTCTGG
 GAAGAGCCAAGGCCACCCACAGCTACCATGTGGGGCTGGAGGGGGGACTGGGCCCCAGGGAGGGACCTC
 CCTATGAGGGTAAGAAAAATTGCAAGGGCTTGGAGCCCTGGGACCTGAGACTACCCTGGTGTCCATGTC
 TCCAAGGGCCCTGGCTGAAAAGGAGCCGCTCAAGATGCCTGGGGTCTCCTTGGTGGGCCCGCTCAATGCC
 TGGAGTTGCTGCCCTTCCAGTACCATGGACAGCCCATCTATCCGGGCCCCCTGGGGGCACTGCCTCAGA
 GTCCTGTCCCAGCCTGGGCCTTTGGAGGAAGAGCCAGCCTTCCCGGGGAGCTGGCGCACCTCTGCAA
 GGATGTGGACGGCCTGGGGCAGAAGGTGTGCAGGCCGTGGTGTGAAACCATCCCCACCAAGCCAGCC
 GTGCCCCACCATCTTCAATGTCTTTGGCTACCTC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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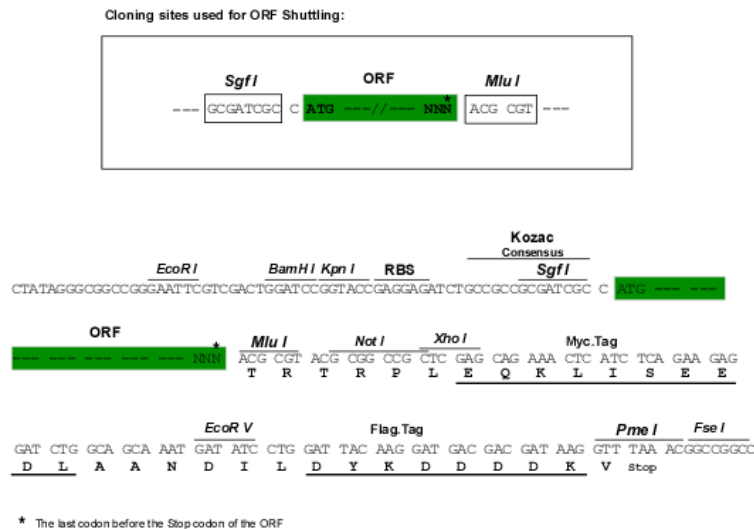
Protein Sequence: >RC233673 representing NM_001207072
 Red=Cloning site Green=Tags(s)

MASDSVKMLLNFNVLASSDIKAALDKSAPCRRSVDHRKYLQKQLKRFSQKYSRLPRGLPGRAAEPYLKR
 GSEDRPRRLLLDLGPDSSPGGGGCKEVLNPNYREECLAKEQLPQRQHPEAAQPGQVPMRKRQLPASFW
 EEP RP THSYHVGLEGLGPREGPPYEKGKNCKGLEPLGPETTLVSMSPRALAEKEPLKMPGVSLVGRVNA
 WSCCPFQYHGQPIYPGLGALPQSPVPSLGLWRKSPA FPGELAHLCCKDVG LGQKVC RPVVLKPIPTKPA
 VPPPIFNVFGYL

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001207072

ORF Size: 876 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_001207072.2

RefSeq Size: 1666 bp

RefSeq ORF: 879 bp

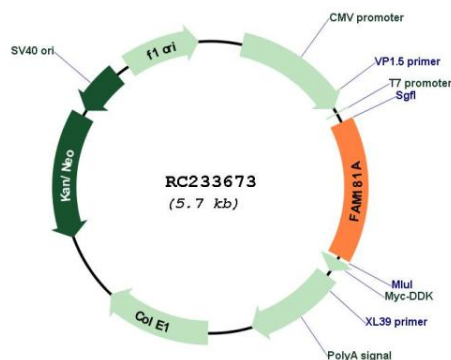
Locus ID: 90050

UniProt ID: Q8N9Y4

Cytogenetics: 14q32.12

MW: 32.6 kDa

Product images:



Circular map for RC233673