

Product datasheet for RC235912

FAM107B (NM_001282703) Human Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: FAM107B (NM_001282703) Human Tagged ORF Clone
Tag: Myc-DDK
Symbol: FAM107B
Synonyms: C10orf45; HITS
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >RC235912 representing NM_001282703
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCCGAGCCAGACTACATAGAAGATGACAATCCTGAACTCATTAGGCCTCAGAACTGATCAATCCTG
 TAAAAACCTCCCGAACCATCAAGATCTTCACAGAGAAGCTTTATGAATCAAAAAGGGGTCTTGCTCC
 TCAGAACAAACCAGAATTGCAGAAGGTGATGGAAAAAGAAAACGAGACCAAGTAATAAAGCAGAAGGAA
 GAAGAAGCACAGAAGAAGAAATCTGACTTGAAAATAGAGCTATTAACCGGCAGCAGAAGTTGGAGCAGC
 TTGAACCTTGAGAAGCAGAAATTGCAAGAAGAGCAAGAAAATGCCCCGAGTTTGTGAAGGTGAAAGGCAA
 TCTCAGGAGAACAGGCCAAGAAGTCGCCCAAGCCAGGAGTCC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >RC235912 representing NM_001282703
 Red=Cloning site Green=Tags(s)

MAEPDYIEDDNPELIRPQKLINPVKTSRNHQDLHRELLMNQKRLAPQNKPELQKVMKRRDQVIKQKE
 EEAQKKKSDLEIELLRQKLEQLELEKQKLQEEQENAPEFVKVKGNLRRTGQEVAAQES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI



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Cloning Scheme:


ACCN: NM_001282703

ORF Size: 393 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.

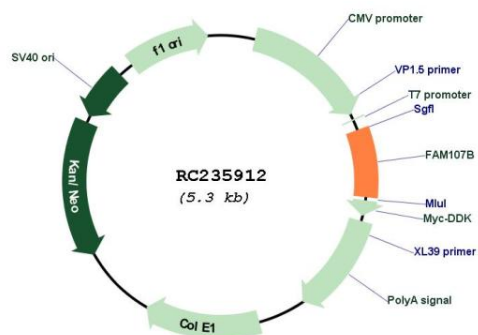
Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001282703.1](#), [NP_001269632.1](#)

RefSeq Size: 3311 bp

RefSeq ORF: 396 bp
 Locus ID: 83641
 UniProt ID: [Q9H098](#)
 Cytogenetics: 10p13
 MW: 16 kDa

Product images:



Circular map for RC235912