

Product datasheet for MR200749

Fam107b (NM_025626) Mouse Tagged ORF Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fam107b (NM_025626) Mouse Tagged ORF Clone
Tag: Myc-DDK
Symbol: Fam107b
Synonyms: 3110001A13Rik; AA589595; AA959793; AI132312
Mammalian Cell Selection: Neomycin
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
ORF Nucleotide Sequence: >MR200749 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGGCTGAGCCAGACTACATAGAAGATGACAATCCTGAGCTAATTAGGCCCCAGAAGCTTATCAACCCTG
 TCAAAAGCTCCCGAAATACCAAGACCTCCACAGAGAGCTTCTTATGAATCAGAAAAGAGGTCTTGCCCC
 TCAGAATAAACCCAGAACTGCAGAAGGTGATGGAGAAGAGAAGACGAGACCAAGTGATAAAGCAGAAGGAG
 GAAGAAGCTCAGAAGAAGAAATCCGACCTGGAATAGAATATTAAGCGACAGCAGAAGCTGGAGCAGC
 TTGAACTTGAGAAGCAGAAATTGCAAGAAGAGCAAGAAATGCCCCAGAGTTTGTGAAGGTGAAAGGCAA
 TCTCAGGAGAACAGGCCAAGAGGTGGCTCAGGCCCAGGAGTCC

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence: >MR200749 protein sequence
 Red=Cloning site Green=Tags(s)
 MAEPDYIEDDNPELIRPQKLINPVKSSRNHQDLHRELLMNQKRGLAPQNKPELQKVMKRRRDQVIKQKE
 EEAQKKKSDLEIELLKRQQKLEQLELEKQKLQEEQENAPEFVKVKGNLRRRTGQEVAAQAES

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: Sgfl-MluI



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Cloning Scheme:



ACCN: NM_025626

ORF Size: 396 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_025626.4](#), [NP_079902.1](#)

RefSeq Size: 3148 bp

RefSeq ORF: 396 bp

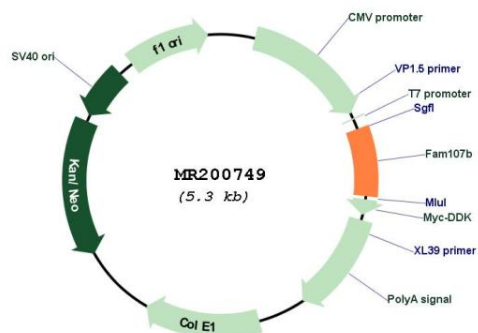
Locus ID: 66540

UniProt ID: Q3TGF2

Cytogenetics: 2 A1

MW: 15.6 kDa

Product images:



Circular map for MR200749