

Product datasheet for **RR210327**

Fam168a (NM_001108494) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam168a (NM_001108494) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Fam168a
Synonyms:	RGD1308929
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
ORF Nucleotide Sequence:	>RR210327 representing NM_001108494 Red=Cloning site Blue=ORF Green=Tags(s)

TTTGTAAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGC**

ATGAACCCCGTTTACAGCCCGTGCAACCTGGGGCTCCTTACGGCAACCCCAAGAACATGGCCTACACTG
 GTTACCCACAGCCTACCCGGCAGCTGCTCCTGCCTACAATCCCAGCCTGTACCCGACCAGCAGCCCCAG
 TTATGCTCCAGAATTTAGTTTCTGCATTACGCTTATGCCACTCTGCTGATGAAACAAGCCTGGCCACAG
 AACTCCTCTTCTGTGGCACTGAAGGCACCTTCCACCTCCAGTGGACACCGGGACGGAGAACCAGAACTT
 ACCAAGCATCCTCTGCGGCTTTAGATATACTGCAGGGACACCATAAAGGTCCACCGACCCAGAGTAA
 TACTGCTCCACCCCTACTCCCATCACCAACCCCTATCAGACGGCCATGTATCCAATCAGAAGTGCC
 TATCCCCAGCAGAATCTGTATGCCAGGGAGCCTACTACACACAGCCTGTGTATGCTGCCAGCCTCATG
 TCATCCACCACACCGGTTGTCCAGCCCAACAGCATTCCCTCTGCCATCTACCCAGCTCCTGTTGCTGC
 CCCCAGGACCAATGGTGTGGCCATGGGCATGGTGGCAGGCACCACCATGGCAATGTCAGCAGGTACCCTG
 CTGACCACACCCAGCACACTGCAATTGGGGCGCACCCCTGTCTCCATGCCCACTTACAGGGCCCAAGGAA
 CCCCTGCGTATAGCTACGTGCCCCGCACTGG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA


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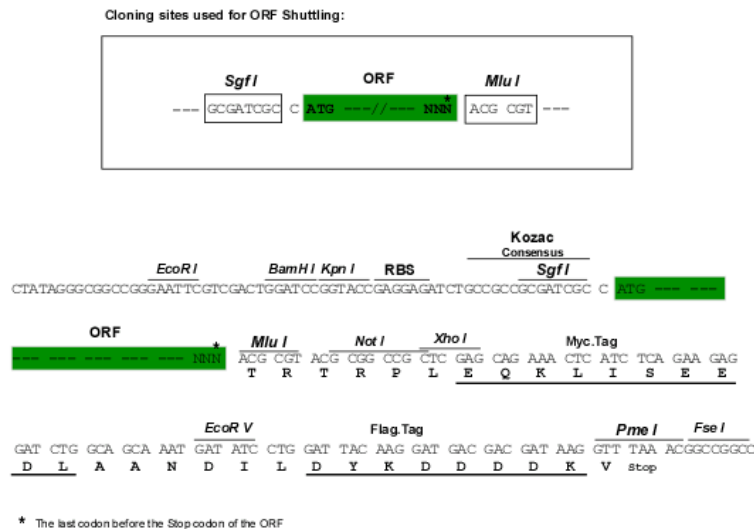
Protein Sequence: >RR210327 representing NM_001108494
 Red=Cloning site Green=Tags(s)

MNPVYSPVQPGAPYGNPKNMAITGYPTAYPAAAPAYNPSLYPTSSPSYAPFQFLHSAYATLLMKQAWPQ
 NSSSCGTEGTFHLPVDTGTENRTYQASSAAFRTYTAGTPYKVPPTQSNTAPPPYSPNPYQTAMYPISRA
 YPQQNL YAQGAYYTQPVYAAQPHVIHHTTVVQPNISIPSAIYPAPVAAPRTNGVAMGMVAGTTMAMSAGTL
 LTPQHTAIGAHPVSMPTYRAQGTTPAYSVPPHW

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites: SgfI-MluI

Cloning Scheme:



ACCN: NM_001108494

ORF Size: 732 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_001108494.1, NP_001101964.1

RefSeq Size: 4391 bp

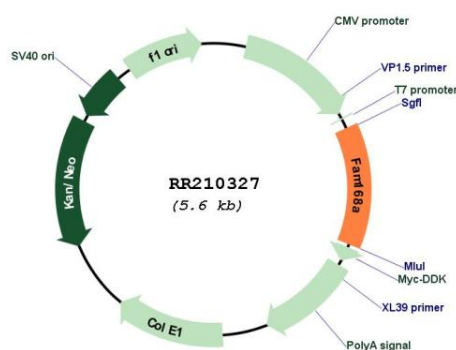
RefSeq ORF: 735 bp

Locus ID: 361614

Cytogenetics: 1q32

MW: 26.2 kDa

Product images:



Circular map for RR210327