

Product datasheet for **RN204067**

Fam189b (NM_001107690) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam189b (NM_001107690) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam189b
Synonyms:	RGD1306107
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN204067 representing NM_001107690
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATGCCCTCGCTAGTGACTCCAGTCGCTCGTGACCAGCCGCCAGTACCCAGGCCCTTACCACC
 TCCGCCTCCACCGACCCTGGCTGCAGGCCCTGCTCACGTTGGGGCTGGCCAGGTGCTCTTGGGCATCCT
 GGTGGTAACCTTCAGCATGGTGGCTCCTCTGTCAACCACCACTGAGAGCATCAAGAGTCTGCCATCT
 TGGGCTGGGTTCTCGCTGGCTTCTCCGGTGGTTGGCATTGTATCCTGGAAGCGGCCATTCACTCTAG
 TGATCTCTTTCTCTCTTGGCTTTCGGTCTGTGTGTCATGCTCAGCATGGCTGGTTCTGTCTCTCTG
 TAAGAAGCTCAGCTGGCTCGGGACTTCCGAGAATGCTCCATGGAAGGAAAGTCTGCGTATGCTGCCCC
 CCTATTCCTTACACAGACCTTGTCCAGAGTGGGGCCAGGAGCTGAAAGTTGCCTTAACTCCACCTGTG
 ATGAAGCCCGAGGGGCCCTCAAGAACCTGCTCTTCAGTGTCTGTGGGCTTACCATTTGTGCTGCCATCAT
 CTGTACCCTCTGCTATTGTCTGCTGTGTCCAGATCTTCTCCCTGGATCTGGTGCATGTGCTTGCCCT
 GAACGCTCAGTCTCAGGCCCTGGGGTCCCTGGCTTGTACATCTTCGCCCCAGCTCCTCTCTCCACA
 CCATGCTGGACTTGAGGAATTCGTCCACCTGTGCCCCACCACCTACTACCCTCCAGAGTACTTGTG
 CAGTTCAGAGACAGATGCACAAAGCATCACCTATAATGGTCCATGGATAGCCAGTACCCTTGTATCCT
 ACTGATTGCCCCCTTCTTATGAGGCCGTATGGGGCTGCGAAGAGACAGCCAGGCCACTCTGTTTGATC
 CTCAGTTCACGATGGCTCCTGTGTCTGTGAGCGGGTGCCTCCATTGTTGATGTGTCCATGGACAGTGG
 GTCCTGGTGTGTCAGCCATTGGCGACCTCCCTGGCGGCTCTAGCCATCAGAAGACTCATGCCTGCTG
 GAACTCCAAGGCTCTGTGCGTCCGTGATTACGTGCTCTTCCGCTCCATCCAGCGCAGCCGCGCAGGCT
 ACTGCCTTAGCCTGGACTGCGGCCCTCCGGGTCCTTTGAAGACAGTCCCTTGCCTCGCGACCCCCAG
 GGCTGCCCGCTCCTATTCTGCTCAGCTCCTGAAGCCCCACCCCACTGGGTGCTCCACAGCTGCTCGC
 AGTTGCCACCGGTTGAGGGCTGGCCGCCCTGGGTGGGACCTTGCTTCCCGAGCTGAGGCGCGGGTCC
 CCCGAGGAGGCAGCCGTTCAACTGCACCCCTCCTGCCGAGCACCAGTTCGCGCTTCACTGATAGCTC
 AGGTTCCCTACCCACCCGGACACCGGCTCCTCACCGACACCCCTCCACCACTGCTGCTGCCAAGG
 TCTCACAGTGACCAGGCATTACCACCTCCAGCGACATCGCTGACTTCAGGGACCTTTATACCAAGTGC
 TTGAGGAAGAAGCTGCCTCCATCTCTCTGCAGACACAGGGCTCTGCTCTGAAGCTGCCTTTCCGCT
 AGCCCGTGCCTTCCCAAGTTGCTACGTGCTCACTCAGCTGAGAAACGCCCCAGTCCCACCTTC
 CAGAAGTTCTCTGCCTCAGGTCCTGCACCTGCCACTCTCTAGGAGCTGAAAGGAAGCTGGCCAG
 GCCGGGGCTGGTCACTGTTTCTCCAGCTGTCTAGGAAGTCCCAGACCCTGCAGGAAGTGGAGCCCA
 CGGACATAAGCAAGTGGCAGGAGCCATGGGGACGACCAGTTCGGGAGAGCCTCCACCTTCGCAGCTGT
 GGTGATTTGAGCTCTGGCTCCTCTTAAGGCGACTCCTGTCTGCCCGCAGGCTGGAGCATGGCATAACGCC
 CACACAGCTCAGCTCAATGGAGGCAGCCGGGAGACCGGGCT**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001107690
- Insert Size:** 2007 bp
- OTI Disclaimer:** Our molecular clone sequence data has been matched to the reference identifier above as a point of reference. Note that the complete sequence of our molecular clones may differ from the sequence published for this corresponding reference, e.g., by representing an alternative RNA splicing form or single nucleotide polymorphism (SNP).
- 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_001107690.1](#), [NP_001101160.1](#)

RefSeq Size: 3053 bp

RefSeq ORF: 2007 bp

Locus ID: 310640

Cytogenetics: 2q34