

Product datasheet for **MC219844**

Fam234b (NM_028982) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam234b (NM_028982) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Fam234b
Synonyms:	8430419L09Rik; Kiaa1467; mKIAA1467
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC219844 representing NM_028982
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGACAGTGTCTCCAGGGCTCTCAAGCTCCCGGGGAAGAAGAGCCAGACCTCGGTGAGTACGACC
 CCCTCACGACAGGCCGACAGTGTGAGAGCGAAGATGATCTCGTGTAACTTGCAGCAGAAGAATGGAGG
 GGTCAAAAACGGGAAGAGTGCCTTGGGAGACTGCCAGAGCCGACTCAGATGCCGATGTGGCTGGGGCG
 GCAAAGCCACATCTTTCAGAAGTCAACCAGAGGGTTTCCCTCGGAACCCCTTGGGGCCCTGGAGCAGA
 AGGCCACCTCTCCCTGGTGTCTATGTGCGCAGTCTGTCTTCTGCTGACACTGGTGTCTCCATGGT
 TCTGGTATTGCTCTGCGCCTTCTCATCCCTGCCCTCCAGAGACTGCATAGCGCTTGGAGCCGGCGC
 CTGGGCTCCCAAGGAGCGGGGACCTGTCTCCCTGGAGTTGGCTGACGTGAATAGAGATGGTCTGCGGG
 ACGTGTCTCACCTTTGTGACAACCAGGAATGGGACTGAAGGAGGTGTTGGCTCACAACCAACTGCAGA
 TCTGGTGTGCCTTCGGGGATGAACGGCAGCACACTGTGGTCCAGTCCCCTCCAGAGGAGGCTCAAGAT
 GTCACATGCTTAGATCTGATACAGGAAGTGTGGCCAAAACCATCTGCCTTGTGACGGGGACTCGCAAGA
 TGCTCAGCGCATTCAATGCGACGTCAGGAAAAGTCTCTGGACTCTGAACCCAAACCATCTGTCCACGG
 TACCTTGGCAGCCCCGGTGTGGTGTGCCAGACCTTGATGAAGATGGTGTGAGAGATCTGGTGGTGTG
 GCCATTGGAGAAGTGCAGCCAGATCTGTGTTTTCTGCTGGTATCTGGCCGGACAGGGAGTCTGTGGGCC
 GACCTGTGAAGTATAACATCGTGGGAGTAGGGAATCTGATTGGTCCCCAGGTTTACATCACCGCCAGTGG
 AGCTGTCTACATCCTGTTGGCTTTGGAACATAACAAGCTGTGCCCTGCCGGACATTTTGTTCAGGCC
 CAAAATCGGGACAGCTCGCCACCCTCTCTGCAGATAGAGGAGCCGGAGTGGGAGAAGCACAGATCTGTCA
 ACCTTTCAGAGCTCATCGATGTTTACAGTGTGGAGTTGAGCTTCCAGTTGGTGAAGGCCAGATTC
 CAACAGCAGCAGCTCCTGATTACAACCCGACAAGGCCCTGGTCTGCTTAGAGGACAAGATCTTACGCCT
 CATTGAAAAGTGAACCTCAGGGCCTGCCAGCCAGCCACTCCTGGGTATTTCACTGATGACCAGACAT
 TGGACTTCCTTCTGCAGACACAAGATGGAGATGGGATGAAAAGATGACAGTGGTAGATGGAGGTTCTGG
 CTCCATCGTCTGGAGTTACAGTATTCATGTCACATGAAGGAAACGCCAACCCTTCTGCAATTACTTCA
 GACCAGAAGTCTGTCTTCTCTTCTGGGACAGGCACTGACTGCTGCATCTCTCAGTTCTGACGACAGCT
 CAGGAGCGGAGCCTCCTGGCCTTACCACCTTACCTCCTGCACCCAGCCTTCCCTCCATCCTCCTGGA
 CCTGAGCAACACCCTGGCATAGTACAGCTTCGGAGGTTGGAATCAACGACATCTGAAAGATGCCTTT
 TATGTCACCAGGACAACAGGGATGAGCCCTGAAGGACACCCTACCTCTCTGGTGGTCTGAGCAAGCTTAGCC
 TGCCTGGGCACTCATGGAAGGCCAGATGGTCCAGCTGAAGGAGACCACCCTAAAATTGGCCGTGGGGA
 ACTGCGAAGATCCTGTCTAGGATAAAGTTTGTGATTCTCCCTACCAGATCTAG

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_028982

Insert Size: 1875 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_028982.4](#), [NP_083258.2](#)

RefSeq Size: 4225 bp

RefSeq ORF: 1875 bp

Locus ID: 74525

UniProt ID: [Q8BYI8](#)

Cytogenetics: 6 G1