

Product datasheet for **RN210242**

Fam234b (NM_001108652) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam234b (NM_001108652) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam234b
Synonyms:	RGD1306151
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN210242 representing NM_001108652
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**

ATGGCGACAGTGTGTCCAGGGCTCTCAAGCTCCCGGGAAGAAGAGCCAGACCTCGGCGAGTACGACC
 CCCTTACCCAGGCCGACAGTGACGAGAGTGAAGATGATCTTGACTTAACCTTGCAGCAGAAGAACGGAGG
 GGTCAAAAACGGGAAAAGTGCCCTGGGAGACCCGCCAGAGCCGACTCCGATGCGGACGTGGCTGGGGCT
 TCAAAGCCACATCTTTCAGAAGTCACACCGAGGGTTCCCTCGGAGCCCTTGGGGTCTGGAGCAGA
 AGGCCACGTCTTCCCTGGTGTCTACGTGCGCACATCTGTCTTCTGCTGACACTGGTGATCTCCATGGT
 TCTGGTCTCTCTGCGCCTTCTCATCCCTGTCTCCAGAGACCTGCATAGCACTTGGAGCCGGCGT
 CTGGGCTCCCAAGGAGCGGGGACCTGTCTCCCTGGAGTTGGCTGACGTGAATAGAGATGGCTGCGGG
 ACGTGCTTCTCACCTTTGTGACAACCAGGAATGGGACTGAAGGAGCGGTGGCTCACAACCAACAGCAGA
 TCTTGTGTGCCTTCGGGGATGAACGGCAGCACACTGTGGTCCAGTCCCCTCCAGAGGAGGCTCAAGAC
 GTCACATGCTTAGATCTGATACCGGGAAGCGTGGCCAAAACCATCTGCCTGGTGACGGGGACTCGCAAGA
 TGCTCAGTGCATTCAACGCAACATCAGGAAAAATCCTCTGGACTCTAAACCCAACTATCTGTCCACGG
 TACCTTGGCTGCCCGGTTGTGGTGTGCCAGACCTGGATGAAGACGGTGTCCGAGATCTGGTGGTGTG
 GCCATTGGAGAGTTGCAGCCAGATCTGTGTTTCTGCTCGTATCTGGCCGAACAGGGAGTCCCGTGGGCC
 GACCTGTGAAGTATAACATCGTGGGAGTGGGGAATCTGATTGGTCCCCAGGTTTACATCACCGCCAGTGG
 AGCTGTCTACATCTGTTTGGCTTTGGAAACATAACAAGCCGTGCGCTGCGGGACATTTTGTTCAGGCC
 CAAAACCGAGACAGCTCACCACCTCTCTGCAGATAGAAGAGCCGAATGGGAGAAGCACAGATCTGTCA
 ACCTTTCTGAGCTCATCGATGTTTACAGTGATGGAGTTGAGCTTCTCCAGTTGGTGAAGGCACAGATT
 CAACAGCAGCAGCCTCCTGATTACAACCAGACAAGGCCTGGTCTGCTTAGGGGACAAGACCTTACGCCT
 CACTGGAAGTGAATCTTCAAGGCTGCGCAGCCAGCCACTCCTGGGTATTTCACTGATGACCAGACGC
 TGGACTTCCTTCTGCAGACACAAGACGGAGTTGGGATGAAAAGATGACGGTGGTAGACGGCAGCTCTGG
 CTCCATCGTCTGGAGTTACAGGGTTCCATGTACGTGAAGGAAACCCCAACCACTTCTGCAATCACTTCA
 GACCAGAAGTCCGTCTTCTCTTCTGGGAGAAGCGCTGACTGCTGCCTCTCTCAGTTCTGACGACAGCT
 CAGGAGCCGAGCCTTCCGGTCTTACCACCTTTACCTGCTGCATCCAGCCTTCCCTCTGTCTCTCTGGA
 CCTGAGCAACACCACGGCATAGTGACAGCTGCGGAGGTTGGAGTCAACGACATCTGAAAGATGCCTTT
 TATGTACCAGGACAACCGGATGAGCCCCGAAGGACACACTACCTCTCTGGTGGTCAGCAAGCTTAGCC
 TGCCTGGGGACTCATGGAAGGCCAGATGGTTCAGCTGAAGGAGACCACCCGAAAATCGGCCGTGGGGA
 ACTGCGAAGATTCCTATCTAGGATAAAGTTTGTGATTCTCCCTACCAGAT**GTAG**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001108652

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_001108652.1](#), [NP_001102122.1](#)

RefSeq Size: 4168 bp

RefSeq ORF: 1875 bp

Locus ID: 362455

UniProt ID: [D3ZWI9](#)

Cytogenetics: 4q43