

Product datasheet for **RN211614**

Fam13b (NM_001106158) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam13b (NM_001106158) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam13b
Synonyms:	Fam13b1; RGD1310484
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:

>RN211614 representing NM_001106158

Red=Cloning site Blue=ORF Orange=Stop codon

 TTTTGAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGATCGCC**

ATGAGGAAGAGCTCCTCCCTTCTTGTAGTAAGTCAACTCCGATCTTGCTAGCAAAATATTTGGAATTC
 CACTTGATGAGCTGCAGCAGGGAGGACATCCAGACAATGAGTTCCGTTTCATAGTCCGCCACGTTGTGGA
 CTATATTGAGGAACATGGAGGTCTGGAGCAACAAGGGCTGTTCAAGTCAATGGGAATGCTGAGACAGTG
 GAGTGGCTTCGGCAGAGATACGACAGTGGAGAAGAGGTGGATTTGGTTAAGGAAGCGGACGTCCCCTCAG
 CCATTAGTCTCCTTAGGTTTTCTGCAGGAGCTCCCCGAGCCCGTCATACCTGGCAGCTTGCAATTCA
 CTTGCTGCAGCTTCTCAAGATTATAATAATGAAGATGAATTTGGAAGAAAGCTGAGGTTCTCTTGCAA
 CAGCTTCCACCTGTTAATTACAGTTTGTAAAGTTTCTGTGTAGGTTTTAGCCAATGTAGCATCACATC
 ATGAAGAAATTTGGTCTGCAAAATCTTTGGCTGCTGTTTTGGTCCAGATGTCTCCACATTTACACGGA
 TGTGGAGGATATGAAAGAGCAAGAAATCGTGAGCAGGATAATGGCGGGACTTCTGAAAAATTATTATGAG
 TTTTTTGAGAATGAAGAGGAAGATTTTCATCAAATGATTTGAGTTCAATTACTGAGCAGGTTAATGAAC
 TTTCTGAGGAAGAAGAAGATGAGAAGCTGGACCATGTAGAAGAACTCCAGAAGAAGGTGTAGAGAA
 GTCAGCTGGCGTGCCCGAGGTGCTGCAGTCACGGATGGCTGAAAACACCCAGGAGTCAGACAGTGTGATA
 GCAACAGCAAGGGTTGCTGCTGCTGCTGCTGCTACTACTAATGCCAGTGATGGTAACACAAAGTGTT
 CAAAGCCTGTGGCTGGTACTACTGCAGATAATGAAGTCATGCAGCAAGATTTTGTATTGAGGATCAGAA
 AAATAATGAGTCTGTAGGTACTGTGTAGAGCCTTGTAGTGACCACGGGGATAGTGAAGATGGCTGTCCT
 GAGAGGAAGGAATATTTATTATGTGACACTGATAAATGCCCCACTTGATTCTGGATTCTAGTAGCAAGA
 TACGCGATTTGAATGCCAACACTGAGTTGGAGGTAACCGAAGGTCAGAGTGTGGTGTTCACGGAGAAGC
 AGCATGTATACAGATTGCACATTTAGATCTGAAGAATGTTTCTGATGGTGACAAATGGGAAGAGCCATTT
 CCTGCATTTAAGTCTTGGCAGGAAGACTCTGAGTCTGGAGAAGCTCAGCTGTCTCCACAGGCTGCAAGGA
 TGACTCACCACTCTGGGAGAGGACTGCCCTCCAGTATTATCTCATCGTAGTTTAGATTTTGGGCAAAAG
 CCAGCGTTTCTACATGATCCAGAAGCATTGGATTTCTCCTCAAAGGCACTTTCTTTACTAGAATTCGA
 AGGTATCCTTCAGTTCAAAAGATGAAAAAGAGAAGACAGAACCTTATCAGTTGGTCAAGAAGCTTC
 AGAAAAAATCAGACAATTTGAGGAGCAATTTGAAAGGGAAAGAAATAGCAAGCCCTCTACAGTGACAT
 TGCAGCCAATCCGAAGGTATTAATGGATGACAGAGCTTACAAAGTTACGGAAGCAAATTAAGATGCA
 AAACACAAAACTCTGATGGAGAGTTTGTGCCTCAGACACGTCTCGGAGTAACACTCTGCCAAAAAGTT
 TTGGCTCTTCTAGGCCATGAAGACAGCGAGAGTGACGGTGAGCCAGAGCCATTTCAGAAAGAGAAGAC
 GCCGTCTAAGGAAGCGACTCTTGAGCTGATCACAAAACGATTGAAGGAAAACCGTGCTGAGCGGCACCTT
 CCTGAGGACGTCAAGAAATGACAAAAGATCATTTGATAGAAGAGAAAACGTCTCTGCAGAAAAGCTGCTC
 TTTACTATGAAAGTCAACATGGAAGGCCGGTGACCAGGGAAGAAAGGCACATTGTTAAGCCTCTCTATGA
 TAGATACAGGCTGGTAAACAGATGCTGACACGAGCTAGCATTACTCCTGTCTTGGGTCTCCCTCCACG
 AAGCGCCGGGGTCAGATGTTACAGCCAATCATAGAAGGAGAAACGGCACACTTTTTTGAAGAAATCAAGG
 AAGAAGAAGAAGACGGTGTACGCTCTCCTCTGAGTTAGGTGACATCTTGAGCACAGCCGTGCACACACA
 GTCATCCCTGAAAACTCAGAATCTGATGCTGAAGAAAACTGGCTCGGGACCTCTGCTTGTCAAGTACT
 CGTGCGGCTCTATGCCTGAATTAAGTGAACAACCTTTGGAAAGCCAGAGCTGAGAAAAAGAACTACGTA
 AGACCTTACGGGAGTTTGAAGAAGCGTTTTATCAACAAAATGGCAGGAATGCCAGGAAGGAGGATCGTGT
 TCCAGTCTTGAGGAATATAAGGAATACAAAAGATTAAAGCCAAGCTTAGACTTCTTGAAGTTCTTATC
 AGCAACAAGACTCTTCAAAATCCATA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

SgfI-MluI

ACCN:

NM_001106158

Insert Size:

2550 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:	<u>NM_001106158.1, NP_001099628.1</u>
RefSeq Size:	5030 bp
RefSeq ORF:	2550 bp
Locus ID:	291694
Cytogenetics:	18p12