

Product datasheet for **RN204560**

Fam83b (NM_001108169) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Fam83b (NM_001108169) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Fam83b
Synonyms:	RGD1311988
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN204560 representing NM_001108169 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGC**C

ATGGAGACTTCATCAATGCTTCTCTCACTAAATGATGAGTGCAGGTCTGACAACTATGTCGAGCCGCACT
ACAAGGAGTGGTACCGTGTGGCAGTTGATACTCTAATTGAACATGGGCTAGAAGCCTACCAAGAGTTCCT
TGTCAGGAGCGAGTCTCAGACTTCTGGCTGAGGAAGAAATTAATTATATTTTGAAAAATGTCCAGAAG
ATTGCACAAAATACAGAACATGGCTCTGATAGTTCCTGTGATGACGGCTCGTCTTCAGGGACTTACTGGC
CCATGCAGTCCGACGTGGAGGCTCCAAATCTTGATTTGGGATGGCCGTGTGTGATGCCCGGACTCTTAGG
GAGCACCCATATAGACCTCCTCTTTCATCCACCCCGGGCACATCTACTTACAATAAAGGAACTGTTCCG
AAGATGATCAAAGACGCAAGAAAGGTGGTTGCTATAGTATGGATGTTTTTACTGATGTGGATATTTTCA
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ACTTCCAACCCAGTCAGATCAATGAAAACCTGGAAGAGGCATAGTTATGCTGGGGAACAATCGGAAACAAC
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TTGCTGATAGGCTCGCCAGAGAAAAACAACAAATCTTGACAGAGGAATTCAAATGTACGCAGGTCAAT
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TTCTGCGGAGCTGGAGAATTGAATCGTACTTAAACGATAATTCAGAAGCCCCACCTGATTCAAATGGCT
 CCACCCTGGGTGACAGATTTGAAGGCTACGACAACCTGAGACCGTGAAAGCCAATGCGGTCTATACTCA
 TTCAAGGCTCCGCTCCTCCTTTGTGTTAAACCACTTTACCGGAACAAAAAGAAGTCAATAGCTGTACA
 ACTGGCTCCTCAAATCCACCATCATCGTTTCTCAAGGAAGGGATACACCAAGGAGCTCCCAGAGAGCT
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 TCACGGAATAGCAAGAATTATGTTTATAGTACCTTACCAGAAATCGCATTGCGCAACAGAAAAACCC
 AAGGAGGATGTGCTGAAGAGTTCTAAGAGCTTGACAAATGTGACCCACAGCACGGATGAAGACGACGACG
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 TAAGGAAGAACCAACAAAGAACTCAATTCTAAAAAGGAAGGCAAGCCTCCCGAGTTTCTGAAAAAG
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 CAAAAATCCGAGCCCAAGGTGACGCATCTCTAGAGAAAGCGTTCTCTTTGTGAATTCTCAAGGC
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 CTAGAATAGCCCCCTCTCCAAGGCCGCTGAGAGGAGACTTTCAGAGAGAGCTGGAGACGCTCTGCCCC
 AAGATTTAATACCGAACAGATCCAATACCGTGATTCCAAGGAGATCAACGCAGTCATGACCCCTGCCAGA
 CGGCCAACCTCTTCTCCGGTGCTAAAACCCAGTGAGCTTCTGAGATCCCATTCAACCAACCAGCGCGTTT
 ACAGTCGATTCGAGCCGTTTGTAAAGATCGAGAGCTCGATTGAGCCAGCGAGCAGCGTTACACATGTCAA
 CCGCCCGGAAGTCAATCCACAACCATGGGCAGCTACGGCAGGTCCAGCCGATGCTGAATTATAAGACT
 GGTGCTTATCAATCCTACTCCCCAATGAGAACAGTTCCGGGGATTATGCAAAAGTTTGGAACCTTCA
 TACACAAAAACAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:	Sgfl-MluI
ACCN:	NM_001108169
Insert Size:	3027 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_001108169.1, NP_001101639.1</u>
RefSeq Size:	3390 bp
RefSeq ORF:	3027 bp

Locus ID: 315829

Cytogenetics: 8q24