

Product datasheet for **RN210833**

Fam53b (NM_001107556) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Fam53b (NM_001107556) Rat Untagged Clone
Tag: Tag Free
Symbol: Fam53b
Synonyms: RGD1310799
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210833 representing NM_001107556
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGTGATGATCCTAAGGAGAAGCCTCATCAACCAGGGAGCTGACTCTGTAGCACACAGGACCTTCATCC
 CTGAACTGCACACGCCAAAGATGAGTCAAGGACCTACCCTCCTCTCTGCGGAATTATGGAAAATGACAG
 ATGGCGAGACCTGGATAGAAAATGCCCTCTCAGATTGACCAGCCAAGCGCCAGCATCTGGGAATGTCTG
 CCTGAAAAGTGTGAGGATGGCTCTCTGTGGCACCAGGAGCGGTGACTGCCTGTGCAGTGACCAGTCTAA
 TCAAAGACCTCAACATAAATGACCACAATGGGAACCCCTCAGCTCCTCCAGTAAACGCCAGTGCCGGTC
 ACTATCCTTCTCTGATGAGATGTCCAGTTGCCGGACGTATGGCGGCCCTTGGGGTCCAAAGTCTGGACT
 CCCGTGGAGAAGAGACGATGCTACAGCGGAGGCAGTGTCCAGCGCTACTCCAATGGTGTCCAGCCCATGC
 AGCGGAGCTCTAGCTTCAGCCTCCCTGCCCGGGCTAATGGGCTCTTTCACCTTGCCACCAGTCAAGCCT
 GCACCACCGCTTGGGGGACAACCCTGCCGAGGAGCGCCAGGCTCCGCCCTTGTGGCGGGTGGGGGAT
 AGCTGGAGCCCAGACCCACACCCTGTGGGAGGGGGCGGCTGGACCTGCAAAGTCTCTCTCCTGCTCAC
 ATGAGCAGTTTTCTTCCAGAATACTGTCCCCCTCAGCCAACAGCACACCTGCCTCAACGCCAGAGCT
 GGCAAGACGCTCCAGTGGGCTTGCCTGAGCCGCTCCAGCCGTGTGCTTAATGACAAGAAGATCGGT
 GTGAAACGGCGGCGTCCAGACGAAGTGCAGGAGCAAAGACCTTCGCTAGACCTTGCCAAGATGGCACAGA
 ACTGTGACACCTCAGCAGCCTCAGTTGCCTGAACATGGGGTGGACGAGCACAGCTCTCAGAGCCCTT
 TGCCCTCGTCAGCAGTACCCGATCCTGGACCGCATTGCTCTCAGCCTCCAGCCAGGGGGCAGGACTCCC
 GCTGGGACCCAGTTCCTGAGCCTGTCCGGAGCCTGTCCCCACTCCTTTGATGACCAGTTTACGGGCC
 AGGAGGACCTATCCTGTGATGAGTCAGATGGCTGCAGTCTGGATGAGGATTGCTGCAGGAAGGGGGAGCC
 GGCCACAGCCTGGCGGGACAGGGGAGCCTGCAGGAACAGCCTCTGCTCTCTGGACGGCGAGCTGGACATT
 GAGCAGATAGAGAACA**ACTGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA



Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001107556
Insert Size:	1281 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:	<ol style="list-style-type: none">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_001107556.1, NP_001101026.1</u>
RefSeq Size:	5250 bp
RefSeq ORF:	1281 bp
Locus ID:	309060
Cytogenetics:	1q41