

## Product datasheet for RN215172

### Fam50b (NM\_001107349) Rat Untagged Clone

#### Product data:

Product Type: Expression Plasmids  
Product Name: Fam50b (NM\_001107349) Rat Untagged Clone  
Tag: Tag Free  
Symbol: Fam50b  
Synonyms: RGD1563458  
Vector: pCMV6-Entry (PS100001)  
E. coli Selection: Kanamycin (25 ug/mL)  
Cell Selection: Neomycin  
Fully Sequenced ORF: >RN215172 representing NM\_001107349  
Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
GCC**GCGATCGCC**

ATGGCGCAATACAAAGGTACCATGCGGGAGGCTGGCCGGCCATGCATCTGATCAAGAAGCGCGAGAAGC  
AGAAGGAGCAGATGGAGGTGCTGAAGCAACGCATTGCAGAGGAGACCATCATGAAGTCAAAGTGGACAA  
GAAGTTCTCGGCACACTACGACGCTGTGGAAGCCGAGCTGAAGTCCAGCACGGTGGCCTGGTGACCCTG  
AATGACATGAAGGCCAAGCAGGAGGCCCTGCTGAGGGAGCGGGAGATACAGCTGGCCAAGAGGGAGCAAC  
TGGAGCAGCGTCGGCTACAGCTAGAGATCCTGCGTGAGAAGGAGCGAAGGCGCAACGCAAGCGCAAGAT  
CTCCAACCTGTCTTTCACGCTGGATGAGGAAGAAGACGGTGACCAAGAGGATGGCCGCCAGGCCGAAGGT  
GCTGAGGTCCACAGTGGTGGGGCCAAGAAGAACTTGGGCAAGAACCCCGATGTGGACACGAGCTTCTGCG  
CCGATCGGAACGCGAGGAGGAGGAGAACCGGCTGCGGGAGGAAGTGGCAGGAGTGGGAGGCCGAAGCG  
CGAGAAGGTGAAGGGCGAGGAGGTGGAGATCACCTCAGCTACTGGATGGCTCTGGCCACCGGCGCACA  
GTACGCATGCGCAAGGGCAGCACTGTGCAGCAGTCTCTGAAGCGGGCGCTGCAGGGGCTGCCAGGGACT  
TCCGGGAGCTGCGGGCGGGCGGCTGGAGCAGCTCATGTACGTCAAGGAGGATCTCATCTGCCGACTA  
CCACACCTTTTACGACTTATCGTGGCCAAAGCGCGGGCAAGAGTGGGCGCTCTCAGCTTCGACGTG  
CACGATGATGTGCGGCTGCTGAGCGATGCCACGATGGAGAAGACGAGTACACGCGGGAAGGTGGTGC  
TGCGCAGCTGGTATGAGAAGAACAAGCACATCTCCCCGCCAGCCGCTGGGAGCCCTACGACCCCGAGAA  
GAAGTGGGACAAGTACACCATCCGGTGA

**ACGGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI  
ACCN: NM\_001107349



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<b>Insert Size:</b>	1008 bp
<b>OTI Disclaimer:</b>	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).
<b>Components:</b>	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).
<b>Reconstitution Method:</b>	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
<b>RefSeq:</b>	<u><a href="#">NM_001107349.1</a></u> , <u><a href="#">NP_001100819.1</a></u>
<b>RefSeq Size:</b>	1316 bp
<b>RefSeq ORF:</b>	1008 bp
<b>Locus ID:</b>	306883
<b>Cytogenetics:</b>	17p12