

## Product datasheet for **RN214931**

### Fam69b (NM\_001014178) Rat Untagged Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Fam69b (NM\_001014178) Rat Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Fam69b  
**Synonyms:** PIP49; RGD1308600  
**Vector:** pCMV6-Entry (PS100001)  
**E. coli Selection:** Kanamycin (25 ug/mL)  
**Cell Selection:** Neomycin  
**Fully Sequenced ORF:** >RN214931 representing NM\_001014178  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGCGGGCGGTGCGGGCCTTGGTGCACCTAGTGCTCCTCTGCCCTTCTCTAAGGGCCTGCAGGGCCGGC  
 TCCAGGCCTCAGGGTCAAGTATGTCTTGCTGGTCTGGCTGGGCATCTTCGTGGGCGAGCTGGATGGTCTA  
 TGTGCACTACTCGTCCTATTCAGAGCTCTGCCAGGACCTGTGTGAGCTGCAGAAGGTGGAGTGGAGGACCT  
 CAGAAAGGCATCATCTCGGGCTCTGTCTGCCAGGACCTGTGTGAGCTGCAGAAGGTGGAGTGGAGGACCT  
 GCCTGTCTTCAGCCCCAGGCCAGCAGGTGTACAGTGGGCTCTGGCAAGACAAAGAGGTGACCATCAAATG  
 TGGCATTGAAGAGGGCGCTGAACCTCAAGGCCTGGCCAGATGCAGTCCCGAGGCGGGAGCTGGTGTGTTT  
 GACAAGCCACCAGGGGCACCTCCATCAAGGAGTTTCGGGAGATGACCCTCAGCTTCTGAAGGCTAACT  
 TAGGAGACCTGCCCTCCCTGCCAGCGCTGGTTGACCAGATACTTCTTATGGCGGACTTCAACAAGGACAG  
 CAGGGTATCCCTGGCGGAAGCCAAGTCTGTGTGGGCCCTGCTGCAGCGCAATGAGTTCCTGCTGTGTTG  
 TCCCTTCAGGAGAAGGAGCATGCTTCCCGGCTGCTGGGCTACTGCGGGGACCTCTACCTTACCGAGAGCA  
 TCCCTCACGGCTCCTGGCACGGGCGAGTGTGCTGCCTGCCTTGCGCCCTTCTACCATCTGTGCTGCA  
 CAGGGCTCTCCAGCAGTGGTTTGGACCTGCATGGCCATGGCGTGCAAAGATCGCCATTGGCCTGTTGGAA  
 TTTGTAGAGGAGCTCTTCATGGTTCTATGGTACCTTCTACATGTGTGAGACTACACTTGCCAATGTGG  
 GGTACACAGCCACCTACGACTTCAAGATGGCTGACCTGCAGCAGGTGGCCCCAGAGGCCACTGTGCGTCG  
 CTTCTTCAGGGCCGCCACTGTGAGCAGAGCTCTGACTGCATCTATGGGCGAGACTGCAGGGCGCCATGT  
 GACAAGCTCATGAGGCAGTGCAAGGGTACCTCATCCAGCCAACTTGGCCAAGGTGTGCGAGCTGCTGA  
 GGGACTATCTGCTGCCCGAGCCCTGCGGACCTTATGAGGAGCTGGGCAAACAGCTTCGCACATGCAC  
 CACTGAGTGGACTGGCCAGCCAGTTGAGGCTCACCATTCTCTGGTGTAGCCACCTAAGACCTTA  
 CTCTGGAGGGAGATCTCCAACCACTACTCT**TAA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA



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<b>Restriction Sites:</b>	Sgfl-Mlul
<b>ACCN:</b>	NM_001014178
<b>Insert Size:</b>	1296 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_001014178.2</a></u> , <u><a href="#">NP_001014200.2</a></u>
<b>RefSeq Size:</b>	1560 bp
<b>RefSeq ORF:</b>	1296 bp
<b>Locus ID:</b>	362090
<b>UniProt ID:</b>	<u><a href="#">Q5FVL3</a></u>
<b>Cytogenetics:</b>	3p13