

## Product datasheet for **MC221378**

### **Pibf1 (NM\_029320) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Pibf1 (NM_029320) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pibf1
Synonyms:	1700017E21Rik; 4930513H15Rik; 4933438D16Rik; 4933439E17Rik; D14Ertd581e
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >MC221378 representing NM\_029320  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCCTCGCAAAATTGCCAAGGAACCAAAAAAGTAAATATCTCTAGTTCTCTGGAGTCTGAAGATTA  
 GTTTGAAACAACCATTACATACAGATGATGTCTCATCATCAGAGGAGCGAGAAGGTAAGTCAAAATCAC  
 CAGGCAGTTAATCGAAAGAAAAGAGATACTTCATAATATTCAGTTACTGAAAATCGAGCTATCCCAGAAA  
 AACATGATGATCGACAACCTTGAAGTGGATTATCTTACAAAGATTGAGGAGCTAGAGGAAAACTTAATG  
 ACGCCCTTACCAGAAGCAGCTGCTAACTTTGCGATTAGACAATCAGTTGACTATTCAACAGAAAGATGC  
 CAAAAATATCAAGAATAATGAAACAAGAAATGGAAACCACTTTATTGCGACAGAAGCAACTGGAAGAA  
 ACAAAACCATCAGCTGAGAGAAAAGGCTGGAGATGTTCCGCCGAAATCTGCGAGACTTTGAGCTGACAGAAG  
 AGCAGTATGTGAAGCTAAAATCTTTTCTGAAGATCAACTCTCTATTCTGAATATGTATCTATTCGCTT  
 CTATGAGCTCGTGAACCCATTAAGAAAGGAAGTCTGTGAGCTACAGGTGAAGAAGAGTGAAGTCTCTGAA  
 GAAGTGAAGTACAAGTAAAGGCCAACTGAAGCAGCTGACGGAGACATATGAAGAAGATCGAAGAAAACACG  
 CTGAACCTCTAATTCGATGTCAACGTTTACCTTGAATTAGCAGACACAAAACAGTTAGTTTCAGCAAGG  
 TGATTACCGTCAAGAGAACTATGACAAAGTGAAGAGTGAACGCGATGCTCTGGAACAGGAGCTACTCGAG  
 CTTAGAAGAAAACACGAAGTACTTGAAGCCTCTCACATAGCTCAAGCTAAGGAAAGGAATGAATATCAA  
 AGGAGGTCAGCAGCCTGCAGCAGACAGTCAACCTGCTGCAGAAGGATAAAGACTACCTCAATCGCCAAAA  
 CATGGAAGTCAAGTACGCTGTGCCATGAGGAGGATCGGCTGGAAGGCTGCAAGTTCAACTGGAAGAC  
 ACCAAAAAGGCTAGAGAAGAGATGTATGAGAAATATGTCACGTCAGAGACCATTATAAAACAGAATATG  
 AAAATAAATCATGATGAAGTGAACAAATCAAATGAAAATCTAGAAAATTGATCAGCTTCCGAAG  
 TGCCCTTAGGGAAATGTATGAACGAGAAAACAGAAATCTCCGTGAAGCAAGGGATAATGCACTCGCTGAA  
 AAGAACCAGCAGTGGCAGCGGAAAAGGACGCTCTGGGAAAGCATGAGCAGCTCCTAGACAGGTACAGAG  
 AACTCCAGCTCAGTACAGAGAGCAAGGTATCTGAGTTTCTCCATCAGAGCAAGTTGAAGTCTTTGAAAAG  
 TGAGCGTGTCAACTCCTGCAAGAGGAACTGCAAGAAATCTCACGCAGTGCCAGTTGGAGTGTGAAAAA  
 TATCAGAAGAAATGGAGGTTTTAACTAAAGAATTTTATAGTCTCAAACCTTCTTCTGAAAAACGCATTA  
 CCGAACTCGAGGCACAGAACTCAGAGCATCAGGCAAGGTTAGACATTTACGAGAAGTTGGAAGGAGCT  
 TGATGAGATAAATGCAAAACAGCAGAAATGAAAATGAAGATGAGGCTGAAAGAATTCTTTATTCCTAT  
 GGTATGGTGCTAATGTTCCCAACAGCTAAAAGACGACTAAAGCAAAGTGCCACTTGGCAAGAAGAG  
 TTCTTCAGTTAGAAAAACAAAATTCATTAATTTTAAAAGATCTGGACCATCAAAGAACCAAGTAAGACA  
 GCTTTCACAAGAGCTTGACAGAGCCAATCACTGTTGAATCAGACTCAGCAGCCCTACAGATACCTCATA  
 GAGTCTGTGCGACAGAGAGATGCCAAGATTGACTCACTGATGAAGTCTACAGCTCAACTGAGAAAGATG  
 TCAGCAACTTAAATAAGAGAAGTCAAGCCTGCTGCAGACGAAGAACCAGATGGCACTGGATCTGGAGCA  
 GCTCCTCAGTCACCGGAGGAATTTGCAGCTATGAAGCAGATCATCATTAAATATGTGTAGTAAACATTCT  
 GAGAACAACCTTATTTCTACGAAAATGGAATCAAAAAGTGTGACAGAAAATCAAGCAAAGACTTTGAATA  
 TGCCAAGAGAACATGAAGAGAATATATTTATACCAAGCCAACGCTCTTTACTAAAAAGGAAGCACAGA  
 GTGGCCCAAGAGTCAGAAGATGAAGACCTAG

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:** SgfI-MluI  
**ACCN:** NM\_029320  
**Insert Size:** 2271 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>	<a href="#">NM_029320.3</a> , <a href="#">NP_083596.2</a>
<b>RefSeq Size:</b>	3297 bp
<b>RefSeq ORF:</b>	2271 bp
<b>Locus ID:</b>	52023
<b>Cytogenetics:</b>	14 49.27 cM