

Product datasheet for **MC217159**

Pibf1 (NM_029454) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Pibf1 (NM_029454) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Pibf1
Synonyms:	1700017E21Rik; 4930513H15Rik; 4933438D16Rik; 4933439E17Rik; D14ErtD581e
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >MC217159 representing NM_029454
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGTCCTCGCAAAATTGCCAAGGAACCAAAAAAGTAAATATCTCTAGTTCTCTGGAGTCTGAAGATATTA
 GTTTGGAACAACCATTCATACAGATGATGTCTCATCATCAGAGGAGCGAGAAGGTTAAAGTCAAAATCAC
 CAGGCAGTTAATCGAAAGAAAAGAGATACTTCATAATATTCAGTTACTGAAAATCGAGCTATCCCAGAAA
 AACATGATGATCGACAACCTTGAAGATGGATTATCTTACAAAGATTGAGGAGCTAGAGGAAAACTTAATG
 ACGCCCTTACCAGAAGCAGCTGCTAACTTTGCGATTAGACAATCAGTTGACTATTCAACAGAAAGATGC
 CAAAAATATCAAGAATAATGAAACAAGAAATGGAAACCATTTTATTGCGACAGAAGCAACTGGAAGAA
 ACAAAACATCAGCTGAGAGAAAAGGCTGGAGATGTTCCGCCGAAATCTGCGAGACTTTGAGCTGACAGAAG
 AGCAGTATGTGAAGCTAAAATCTTTTCTGAAGATCAACTCTCTATTCTGAATATGTATCTATTCGCTT
 CTATGAGCTCGTGAACCCATTAAGAAAGGAAGTCTGTGAGCTACAGGTGAAGAAGAGTGAAGTCTCTGAA
 GAAGTGAAGTACAAGTAAAGGCCAACTGAAGCAGCTGACGGAGACATATGAAGAAGATCGAAGAAAACACG
 CTGAACCTCTAATTCGATGTCAACGTTTACCTTGAATTAGCAGACACAAAACAGTTAGTTTCAGCAAGG
 TGATTACCGTCAAGAGAACTATGACAAAGTGAAGAGTGAACGCGATGCTCTGGAACAGGAGCTACTCGAG
 CTTAGAAGAAAACACGAAGTACTTGAAGCCTCTCACATAGCTCAAGCTAAGGAAAGGAATGAATTATCAA
 AGGAGGTCAGCAGCCTGCAGCAGACAGTACCCTGCTGCAGAAGGATAAAGACTACCTCAATCGCCAAA
 CATGGAAGTCAAGTACGCTGTGCCATGAGGAGGATCGGCTGGAAGGCTGCAAGTTCAACTGGAAGAC
 ACCAAAAAGGCTAGAGAAGAGATGTATGAGAAAATATGTCACGTCCAGAGACCATTATAAAACAGAATATG
 AAAATAAACTACATGATGAAGTGAACAAATCAAATTGAAAATCTAGAAAATTGATCAGCTTCAAGT
 TGCTCTAGGGAATGTATGAACGAGAAAACAGAAATCTCCGTGAAGCAAGGGATAATGCAGCTCGCTGAA
 AAGAACCAGCAGTGGCAGCGGAAAAGGACGCTCTGGGAAAGCATGAGCAGCTCCTAGACAGGTACAGAG
 AACTCCAGCTCAGTACAGAGAGCAAGGTATCTGAGTTTCTCCATCAGAGCAAGTTGAAGTCTTTGAAA
 TGAGCGTGTCAACTCCTGCAAGAGGAACTGCAAGAAATCTCACGCAGTGCCAGTTGGAGTGTAAAA
 TATCAGAAGAAATTGGAGGTACCTTTATGTAACCTTCCCTGGACA**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_029454

Insert Size: 1518 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: [NM_029454.4](#), [NP_083730.2](#)

RefSeq Size: 3165 bp

RefSeq ORF: 1518 bp

Locus ID: 52023

Cytogenetics: 14 49.27 cM