

Product datasheet for **MR209214**

Bpifb9a (NM_175167) Mouse Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bpifb9a (NM_175167) Mouse Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Bpifb9a
Synonyms:	4833413D08Rik; AI413838
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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ORF Nucleotide Sequence:

>MR209214 ORF sequence
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGTGGTTCCTCCAGGCCTTGGCCATCATGTTGAGCATCCAAGCGGGAACACTTGACCTGGTGGAAACAC
 CCCAGTGGTGGCAATCTTCTGTTGCCATGCCTGTTCCACTCAATCTCCCTGTAGGAGGCCTAAGTCC
 TCCAGTCTCAAAGGACCAGTCAACCATCAAATGTTACCTCTAAAAGGCCTGTACCTCCACCCAAAGGT
 GGCAAGTGTGCACCTGCAGCCAGATACTTCTCTCCAGTGACAACTCCATGACTACCTCATGAGCACAC
 TGCCCCACAGATTGAGGACATGGTGAAGTGTGATGAAGTTAACCTGGAAGGCATGCTTGCGGATGTGT
 GAACACTGTGGAGAGCTCTGACCTGCTCTCCCTCTTAGATGGCATTTCCTCTAAAAGGAGGAGAAGGG
 GGAGGCCCTGGCATTGGTGGACTCCTAGGCAATGAAGCAATGGGGATTCTCAAAGCCCTCATCAGGCT
 CCAAGGCCACTGGTGGTCTTGGCCAGCTAATCCCAGGGGGCATCCCAGGCACGGAGGCCCTGGGCGGCC
 ACTAAACCTCGGTGGAGACAAGAGCTCTGAAAAGGGCTGCTGAATGGGGATGGGCTCTCCAAAATCAAG
 AAGCCTCTTGAGGATGCAGTTGAAAATGTGAGCGGTATAAAAGATGCCATTACAGGAGAAAAGTGAATGAAG
 TGGTCCCAGATGGCGTCAAGGAGCCACTTAACGATGTGCTCAAGATGGATATCAAAGACACTCTGCTCGA
 ACTGAAGTGGACAAGTAACTTTGGACGACATGGAGATAAATGGAAGCTAATGGCATGCAAGTTCTC
 TCCATGCTTACTGCTACCATAGATGGAAAAGGCGTGTGGACCAGTCACTAGCCTACTGCAGTTTGAAG
 CTAAGATGGATGTAATGACGACAATTGCTGTGGCTCCAACAACCCAGTGTGTCAACCTTGATGCCCA
 AGACCCACATGCATGTCAAGGAAATGAAAATCAGTTAGTGGAGACAGTCACAGGAAAAGTGCCTCTG
 CCTGTGCCTCTGCCCTTGGATCAGATCATCCCAGCAATAGTGACAGCAAAAATAAATGAAAATCTGGAAA
 AATCCAACCTCTGTGCCATTGTCTCAATGACTTCAACAACCTGCAAGAACAATACCGGCTTATTCAGTTA
 CCAAGTTAATACTGCCAGGATCTCTCAAAGGACTTGTATCCTCTACTGTGCTAAAGCCAATATAGGC
 AACAAAACAGTACCTGTGCCTGGAGTCCGCTGCCTCCAGATCCCAAAAATGCAAGCATTGCGGTAAACCA
 TTTCTCCACAACACTGAAGACACTTGTAAAAGAAGTGGCCAAGAATAGCTCTGTGCAGATGGATGGCCT
 GGAAGCACAAATCACCCACATAGCGTTTGCCTCCAGGAAAACAATACGCTCAGAGTCGTGTATAAGGTT
 GACATAACAAAGAACGGAGAGCACTTTGCCACTGGGAAACGAAATTAATCATCTCCATGGCAGCAAGA
 TTTCAAACCTCCACTGATACCAGATGTCAAGCTCATAAGGTCTGAGCACAGTGTGGTGCCTCTGAGGC
 TAAGGAAGAAGTAGAAGGCATTTTGTCTGAAGTAGGAAAGGTGGCCTGGTCCAACCTCAATGAAACGAT
 AAAAAATGAACATTCCTGTAGGTGTGCTTACATACTTTAAAGAACTCCGATGTCAAATGATGAAAT
 CAATTGACCTTCAGGCAGCAAGC

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>MR209214 protein sequence
 Red=Cloning site Green=Tags(s)

MWVLQALAIMLSIQAGTLDLVETPPVVGNLPVAMPVPLNLPVGGLSPPVLKGPVNHQMLPPKRPVPPPKG
 GKCAPAARYFLSSDKLHDYLMSTLPPQIEDMVKCEVNLEGMLADVLNTESSDLLSLLDGISLLKGGEG
 GGLGIGLLGNEGNGDSSKPSGSKATGGLGQLIPGGIPGTEALGGLLNLGGDKSSGKLLNGDGLSKIK
 KPLEDAVENVSGIKDAIQEKVNEVVPDGVKEPLNDVLMKMDIKDTLLELKVGVQVTLDDMEINMEANGMQVL
 SMLTATIDGKGVLPVILLSLQFEAKMDVMTTIAVASNNTQCVNLDAQDTHMHVKEMKIQLVETVTGKVP
 PVPLPLDQIIPAIVTAKINENLEKSNSCAIVLNDFNCKNNTGLFSYQVNTARISPKGLVILYCAKANIG
 NKTVPVPGGRLPPDPKNASIAVTISSTLTKLVKEVAKNSSVQMDGLEAQITHIAFASQENNTLRVYK
 DITKNGEHFATGETKLFISHGSKI SNSTLIPDVKLIRSEHSVVPPEAKEEVEGILSEVGKVAWSNFNETY
 KKMNIIPVGVSSHTLKNSDVKLMKSIDLQAAS

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

Cloning Scheme:



ACCN: NM_175167

ORF Size: 1776 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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_175167.3](#), [NP_780376.2](#)

RefSeq Size: 2135 bp

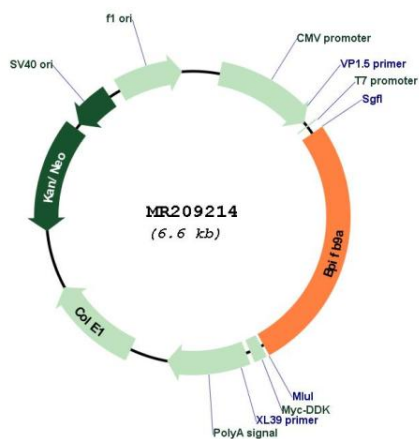
RefSeq ORF: 1776 bp

Locus ID: 71425

UniProt ID: [Q80XI7](#)

Cytogenetics: 2 H1
 MW: 62.4 kDa

Product images:



Circular map for MR209214