

## Product datasheet for **MC203731**

### **Bpifa2 (NM\_008953) Mouse Untagged Clone**

#### **Product data:**

**Product Type:** Expression Plasmids  
**Product Name:** Bpifa2 (NM\_008953) Mouse Untagged Clone  
**Tag:** Tag Free  
**Symbol:** Bpifa2  
**Synonyms:** Bpifa2e; Psp  
**Mammalian Cell Selection:** Neomycin  
**Vector:** PCMV6-Kan/Neo (PCMV6KN)  
**E. coli Selection:** Kanamycin (25 ug/mL)

**Fully Sequenced ORF:** >BC010288  
CAAGGATCTCTCTCGTGTGCATCCTTCTTCAAAGCAAACCAAAGATGTTCCAACCTGGGAGCCTTGTGT  
CTTGTGTGGCCTGCTCATTGGGAACTCAGAGTCACTTCTTGGTGAACCTGGCAGCGCTGTGAATAATTTG  
AAAATTCTGAATCCTCCCTCTGAAGCTGCCCTCAGAACCTGAATCTGGATGTGGAGTTGCTTCAGCAAG  
CCACAAGTTGGCCATTAGCCAAGAACAGCATTCTAGAAACGTTGAACACAGCGGACCTTGGCAATTTAAA  
AAGCTTTACATCTTTGAATGGTTTATTGTTGAAAATCAATAATCTCAAAGTCTGGATTTTCAAGCTAAG  
CTGTCTTCCAACGGCAATGGCATTGATCTGACGGTGCCCTTGGCTGGGGAAGCCTCCTTGGTTCTGCCTT  
TCATTGGCAAGACGGTCGACATTTCTGTTTCTTGGACCTCATAAATCACTCTCCATTAACCAATGC  
CCAGACTGGCCTTCTGAGGTGACCATAGGCAAATGCTCCAGTAATACAGATAAAATCTCCATTTCTTG  
TTGGGAAGACGATTACCCATCATCAACAGTATTCTGGATGGTGTCTTACCCTCCTTACAAGTACATTGT  
CAACCGTCTGCAAACTTCTATGTCCATTGCTTCAGTACGTCCTCAGCACACTGAATCCAAGTGTCT  
TCAGGGTCTCCTCTAATCTACTGGCAGGACAGGTACAACCTTGGCCTTGAAGAGGAAGAACAAGGA  
TGCCACAACCTCTCCTGCTGGCTACTCTCCAGTGGTTTCATCTTACTTCTGATGGCATTTCCTCTAGAAA  
GTGCTACTATCATCCACATTTCTACCTGAGACCACCCAAAGGACCCTCCCAAATTTCTTCTCTCTG  
AGTAGTCTCCACACCTGTTACCACCATCCAGAATTAATCCTAACTGCAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_008953

**Insert Size:** 708 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).



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<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="#">BC010288</a> , <a href="#">AAH10288</a>
<b>RefSeq Size:</b>	974 bp
<b>RefSeq ORF:</b>	708 bp
<b>Locus ID:</b>	19194
<b>UniProt ID:</b>	<a href="#">P07743</a>
<b>Cytogenetics:</b>	2 76.15 cM
<b>Gene Summary:</b>	Has strong antibacterial activity against P. aeruginosa.[UniProtKB/Swiss-Prot Function]