

Product datasheet for **RN215555**

Bpifb1 (NM_001077680) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Bpifb1 (NM_001077680) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Bpifb1
Synonyms:	Lplunc1; RGD1563047
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN215555 representing NM_001077680
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGAAGATGACCAACCCATGGATCGTCAGCCTCCTGCTGGGAGCCACACTGGTCCAAGCTAACCTCTATC
 CTCTGCAGTGTCAACCTTGGCCAGAAAGTCATCAAGAAGCACCTGACCCAGGCACTGGAGAACCACGA
 TGCCACTGCCATCCTCCAGGAGTTGCCGCTGCTCAGAGGCATGCAAGATAAGTCTGGCAGCATCCCCATA
 TTGGACAGCTTCGTGAACACTGTTCTGAGATACATCATCTGGATGAAGGTCACCTCTGCTAACATTCTCC
 AGCTGGTTGTGCAGCCTTCAACCTATGACCAGGAGCTGGTAGTCAGAATCCCCCTGGACATGGTGGCTGG
 ATTAACACGCCACTGATCAAGACCATAGTGGAGTTCCAATGAGCACCGAGGTCCAAGCCCTCATCCGG
 GTGGAGAGGAGCAAGAACGGCCCTGCCCGCTGAACCTCAGTACTGTTCCAGCAACGAGAGCACGCTGC
 GCCTCAGCCTGCTTCACAAGCTCTCCTTCGTGGTCAACTCCTTGGCAAAGAAGCTTATGAATCTCCTGAT
 GCCAGCCCTGCCCAAATAGTAAAAGCCACCTGTGCCCTGTGATCCAGCAGGCCCTTGGATGACATGTAC
 GAAGACTTCTGAGGCTGACCACAGCACCCATTGCCCTCAGCCCTGGAGCCCTGGAGTTTGACCTTCTGT
 CTCTGCCATCCAGGACAGTAACATCCTGTTCAACCTGAAGGCCAAGCTGCTGGACTCACAGGCAAGGGT
 AACCAACTGGTTCAACGGCTCTGCGACTCCTCTGATGGAGACCACCCAGACAGGGCCCTTTCAGCCTG
 ACTGTGAGGCAGGACCTAGTGAATGCCATTGTGACCACCTGATCCCCAGGAGGAGCTTGTAACTCTGC
 TCAGATTCGTGATTCTGATGTGGCCCGCCAGTTACAGATGGACATCAAGGAGATCAATGCAGAGGCAGC
 CAACAAGTTGGGGCCACCCAGATGTTGAAGATCTTCACTCACAGCACCCCCATATTGTCTGAATGAG
 GCGGTTGCCACGGCAGCCAAAGTGTGACTGGAAGTGTCCCCACCAATACAGATGTCGACCCCTTCT
 TCTCTCGGCATTGAAGCCAGTTATGAAGCTCAGTTTTTCATAGCAGAAAACCGACTTATGCTCAACTT
 CAATAACGTCAGTATCGAGCGCATCAAGCTGATGATCTCGGATATCAAACCTGTTTCGATCCTGAAGTCCTG
 AAGGACACTCTGACCAAGATCCTTGAGTACACATTGCTGCCCAATGAGAATGGCAAACCTGAGGACTGGAA
 TCCCCATGTCAATGCCCAAGGCCTTGGGGTATGAGAAAGCCATGTGGTCTGTGAGCAAGGGTGCCCTCAA
 GCTCACTCCAGCCTCCTC**TAG**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: Sgfl-Mlul

ACCN: NM_001077680

Insert Size: 1422 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_001077680.1](#), [NP_001071148.2](#)
RefSeq Size: 1639 bp
RefSeq ORF: 1422 bp
Locus ID: 499926
UniProt ID: [A0JPN3](#)
Cytogenetics: 3q41
Gene Summary: May play a role in innate immunity in mouth, nose and lungs. Binds bacterial lipopolysaccharide (LPS) and modulates the cellular responses to LPS (By similarity). [UniProtKB/Swiss-Prot Function]