

Product datasheet for RN217562

Brpf1 (NM_001191572) Rat Untagged Clone

Product data:

| | |
|---------------------------|--|
| Product Type: | Expression Plasmids |
| Product Name: | Brpf1 (NM_001191572) Rat Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Brpf1 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | pCMV6-Entry (PS100001) |
| E. coli Selection: | Kanamycin (25 ug/mL) |
| Fully Sequenced ORF: | >RN217562 representing NM_001191572 Red=Cloning site Blue=ORF Orange=Stop codon |

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGGTGGACTTTGATGTGAAGACCTTCTGCCACAACCTGCGGGCAACTAAGCCACCATATGAGTGCC
CTGTGGAGACTTGCCGCAAGGTTTACAAGAGTTACAGTGGTATCGAGTACCACCTGTACCACTATGACCA
CGACAGCCACCACCCACAGCAGACTCCGCTGCGCAAGCACAAAAAGAAAGGGCGCCAGTCACGACCA
GCCAACAGCAGTCACCCAGCCCTCTGAGGTCTCACAGTACCTGGCCGAGAGGTGATGAGTATGCTC
AGCCCCAGCGCATGGTAGAAGTGGACCTTCATGGCCGTGCCACCGAATCAGCATCTTTGACAACCTGGA
TGTGGTGTGCGGAGGATGAGGAGGCCCTGAGGAGGCCCTGAGAATGGCAGCAACAGGAAAACACTGGAG
ACACCTGCAGCTACACCTAAGTCAGGCAAGCATAGAATAAGGAAAAACGAAAGGACTCCAACCACCACC
ATCACAGCGCTCCTGCCAGTGTCTCCCAAACCTGCCTGAGGTGGTGTATCGTGAGCTAGATCAAGATAC
CCCTGATGCACCGCCCGGCCTACTTCTACTACCGGTACATCGAGAAGTCTGCAGAGGAGCTGGATGAG
GAGGTGGAGTATGATATGGATGAAGAGGACTACATCTGGCTGGATATCATGAACGAGCGGCGGAAGACTG
AGGGTGAAGTCCATTCCACAAGAGATCTTTGAGTACTTAATGGACCGGTTGGAGAAGGAGTCTGACTT
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GGCGAGTGCCAGAACAGCAATGTTATCCTCTTCTGTGACATGTGCAACTGGCTGTGCACCAGGAGTGCT
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AGCACATCCCACCAGCTCGGTGGAAGCTCACCTGCTACATTTGTAACAGCGGGGCTCCGGAGCCTGCAT
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ACATCCACACACCCCAAGTCTGCTCGTCGCCTGCCTGCTTTATCCACAGTGAAGGTGAGGAAGAAGA
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ATTAAGATGAAGAAAGCTCGAAAGATCTTGGCAGAAAAGAGGGCAGCAGCACCTGTGGTGTCCGTGCCCT
GCATCCCACCACACAGGCTCAGTAAAGTACCAACCGCCTGACCATCCAGAGGAAGAGCCAGTTCATGCA



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GAGGCTACATAGCTACTGGACTCTGAAACGACAATCACGGAATGGGGTCCCACTACTCCGGCGCCTGCAA
 ACACACCTTCAGTCTCAGAGGAAGTGTGATCAAGTTGGGAGAGATTCTGAAGATAAGAACTGGGCTCTCA
 AAGAACAGCTCAAGTCTGGCAGAGACTCCGGCATGACCTGGAGCGAGCTCGGCTACTGGTGGAGTTGAT
 CCGAAAGCGAGAGAACTGAAAAGGGAGACGATCAAGATCCAGCAGATTGCCATGGAAATGCAGCTGACC
 CCTTCTCATCTCCTCCGAAAAACCTTGAACAGCTCCAAGAGAAGGACACAGGCAACATCTTCAGCG
 AGCCGGTCCCTCTGTCTGAGGTACCTGACTACCTAGACCACATCAAAAAACCCATGGACTTTTTCCACCAT
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 AGCAACTGCCTAAAGTATAATGCCAAGGACACCATCTTCTACAGGGCAGCAGTGGGACTCCGTGAGCAGG
 GTGGTGTCTCCTCCGTCAAGCCCGCGCCAGGCAGAAAAAATGGGCATTGACTTTGAGACGGGCATGCA
 TATCCCTCACAAGTTGGCCGGAGATGAGGTCTCACACCACACTGAAGATGTAGAGGAAGAGCGTCTGGTC
 CTGCTGGAGAACCAGAAACACTGCCAGTAGAAGAACAGCTGAAGTTGTTGCTGGAGCGGCTGGACGAAG
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 GCGGGCAAAGCTTGCTCATCAGCGGGAGACTGGCCGGATGGGCCTGAGCGTCATGGTCCCTCAGGTCGG
 GGCAATCTGACACCCACCCAGCAGCCTGTGACAAGGATGGACAGACTGACAGTGTGCAGAAGAGAGCA
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 AACCTCAGTTCTGTTCTCAAAAAGAACCAGCAAGCAGCTGGACCGCCCAAGAGGCCGGGGCCGCCCA
 AAAAACCGGGAGAGCCAGATGACCCCGAGCATGGAGGAGTCCCTGTGGGGCCCCCTCAGCTCCCCATCA
 TGGGCTCCCTACGTACGCGCAAGCGGGGTAGGAGTCCCGGCCAGTTCAAGCTCAGACAGCGACAGTGA
 TAAATCCACAGAAGATCCCCAATGGACTTACCAGCCAATGGCTTACAGCAGTGGGAACCGCCAGTGAAG
 AAGAGTTTCTTGGTGTACCGTAATGACTGCAACCTTCCCGGAGTAGCTCAGACTCTGAGTCCAGCAGCA
 GCAGCAGCAGCAGTGGCCCTCAGACCGGACCAGCACAAACCCCTCAAAGCAAGGCCGGGCAAGCCCTC
 TTTCTCTCGGGGCACATCCCAGAGGACAGCAGTGAAGATACCTCAGGCACTGAGAATGAGGCCTACTCC
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 AGTTTCAAAGCCTTGCCAGCCCCCAGCTGATCCGTCCCCTCTCTCCGTTCTGTGAAGTGGTAAAG
 AAAGAGTCTGGGTCGAGGAGCTGGCTGGTGTGACAGGATGAAGACTCCCCATTGGATGCTCTGGACCTT
 GTGTGGGCCAAATGCCGAGGCTATCCATCATACCAGCTCTGATCATTGATCCAAAGATGCCCGAGAAG
 GTATGTTCCACCATGGGTTCCCATCCCTGTACCACCCTGGAGGTTCTGAAACTGGGGAACAGATGAC
 ACAGGAAGCCCGAGAGCATCTCTACCTCGTTCTTTTGTGACAACAACGAACCTGGCAGTGGCTGCC
 CGGACTAAACTCGTTCTCTGGGTGTGAACCAGGATCTAGACAAAGAGAAGATGCTGGAGGGTCCGAAGT
 CCAACATCCGAAAGTCAGTGCAAATGCCTACCACAGGGCTCTGCAGCACCGAAGCAAGGTGCAGGGTGA
 GCAGAGCAGCGAGACCAGCGATAGCGACTGA

ACGGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_001191572
- Insert Size:** 3741 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).
- OTI Annotation:** Clone contains native stop codon, and expresses the complete ORF without any c-terminal tag.
- 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_001191572.1](#), [NP_001178501.1](#)

RefSeq Size: 4572 bp

RefSeq ORF: 3741 bp

Locus ID: 679713

Cytogenetics: 4q42