

Product datasheet for MC223817

Brip1 (NM_178309) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Brip1 (NM_178309) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Brip1
Synonyms:	3110009N10Rik; 8030460J03Rik; BACH; Bach1; FACJ; Fancj; OF
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>MC223817 representing NM_178309 Red=Cloning site Blue=ORF

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGTCCTCAGTGTGTCTGACTACACCATCGGTGGGGTGAAGATCCACTTCCCTGTAGAGCGTATCCAG
CACAGCTTGCATGATGAATTCTATTGTCAGAGGACTAAACAGCAGCCAACACTGTTTGTGGAGAGTCC
CACAGGAAGTGGAAAAAGTTTAGCCTTACTTTGTTCTGCATTAGCATGGCAGCAATCTCTTAGTGAGAAG
CCAGTGGATGAGGGCCTGAATAAAAAGCCTGAGGCACCACCTTCATGTTCTTGTGCATGCCATTCAAAGA
ATTTTACCTACAGCGACACAAACCTGGACACTCACCTCATTTCAATAGTCCAAGCAAACCATCTTCTGG
AAGAAATGGAGTCTCAACTCCCTGTCAAGACTCTCCTGAAAAAATACTCTGGCTGCAAAGTTATCTGCC
AAGAAACAGGCATCTATACAGAGACGAAGATGATGATTTTTAGGTAGAGAAGAAAAGAATCCGACCCCT
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AGCTTCGGAAAAGAGAGTAAAGCCTGAGTCTCCGATAGGAAAGTCTTCTCCGACAGGAAAGACTCTTTT
CAAAATGTGGATGGCCTTTGTTCCAGGTGCTGCTGTTCTGCTAAACAAGGAAACAACCAAGAGCCTGCAA
ATACTGTTAAGAAAGATCACGGGGACAATGCAAGAGACCTAAAATTTATTTTGGGACCGGGACACACAA
GCAGATTGCTCAGATTACCAGGGAGCTCCGTAAGACAGCTTACTCAGGGTCCCAGTACTATTCTTTCC
AGCAGGGACCACAGCTGTGTCCTCCTGAAGTGGTGGGAATTTCAACAGAAAGGAGAAGTGCATGGAGC
TGCTGGATGGCAAGCACGGGAAGTCTGCTATTTCTATCATGGTTCATAAAAATTAGTAATCAGCAGAC
ACTGCAGCACCTTCAGGGCATGTCCAGAGCCTGGGACATAGAAGAACTAGTCAGCCTCGGGAGGAAACTG
AAAGCTTGTCCCTACTATACAGCTCGAGAAGTATAGAGGATGCTGACATAGTGTGTTTGTCCCTACAAC
ACCTTTTAGACTCACAAATAAGGGAAACTATGGATATAAAGCTGAAAGGACAAGTTGTCATTTTAGATGA
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TGTGCTATAACCTCATCAATTGGTTAGAAACAAATTAAGCATCTTGTAGAAAGGGTTATGAGTCGTC
TTGTAATAATGGAGTGGAAATGAGATGCTCTAAACTTATACAGGATGGGCATCACCACGGCTACTTTT



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CCAGTTTTGCAGAGGCATCTCTCAGCTGTTCTTCAAAAAGAAGAGAAAAGTACACCAATCCATGGTAAAG
 AGGAGGCAATACAAATCCCTATTATCAGTGCATCAACTCAAGTCGTGCTCAAAGGACTCTTTATGGTGCT
 TGAATATCTCTTTAGAGAAAATAGCAGATTTGCAGATGATTATAAAGTTGCTATTCAACAGACTTACTCC
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 TGAAGTGGGAATGCTTCTGTTATCTGTGTGCCAGACTGTGAGCCAAGGAATTCTGTGCTTTTTGCCATCT
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 AGACAGTCATTGCAGAACCCCAAGGAGGAGAAAAACTGATTTTGTGAATTGCTGCAAGTACTACTATGA
 CGCCATCAAGTTCAAAGGAGAAAAGGATGGAGCCCTTCTCATAGCAGTCTGTCTGGCAAGGTGAGCGAG
 GGTCTGGATTTCTCAGATGATAACGCCGTGCTGTACATAACCGTAGGGATTCCTTTCCAAATGTGAAGG
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 TCAGTGGTATGAAATTCAGCATACCGAGCCTTGATCAGGCTCTAGGCAGATGTATTCCGCACAAAAAT
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 AAAACTCGACAGAAGAAGCAGAAGTGTGTGTCCAGGAGCTTCAGTGTCCCAGGTGGCTACTAAAAGCCC
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 ACAATGAAAACAGAAAAAATGAGATTTCCCGATCTTCAAGCCCACTTTTGGAAAGCAAACAGAGCCAG
 TCAACTGGCCTATCTTTAATTCTAAGACGGCATTTCAATAGTAAAGTAAAAATGACACACGACTACT
 CAAGTCATCAAAGAACCCTGCCCCGTTCTTCCACTTTCAATAAAACTGCTTTGCCACTCACAGGTAAC
 TGTGTGCCCTCAAACGAAACAGCAGACACATCACTGGGACCTTGCCCTCAGTCAGAAGTCATAATTTAC
 CAGTGAAGATTGAAGCTACTCTGCTACGAATTATCCAAACAGGTGTTCTGCTGTGAGAAAAGACCTACT
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 GAAGTGGATGACTCTGAGTGTTTTACACCTGAACTTTTTGATCCTGTGATACCAACGAAGAAAACG
 GTGAAGTGGTTGAAACTGATAGATCAAGTCATAGTTCAGATTGTTTTTCAGCGGAAGAGCTTTTTGAAAC
 TGCAACTGGATTGGGCAGAAGTGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_178309

Insert Size:

3525 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: [BC094252](#), [AAH94252](#)

RefSeq Size: 3917 bp

RefSeq ORF: 3525 bp

Locus ID: 237911

UniProt ID: [Q5SXJ3](#)

Cytogenetics: 11 C

Gene Summary: This gene encodes a member of the DEAH subfamily of DEAD box helicases. A similar protein in humans is both a DNA-dependent ATPase and a 5-prime-to-3-prime DNA helicase, and plays a role in the repair of DNA double stranded breaks through interaction with the breast cancer-associated tumor suppressor BRCA1. [provided by RefSeq, Feb 2011]