

## Product datasheet for MR211750

### Brip1 (NM\_178309) Mouse Tagged ORF Clone

#### Product data:

**Product Type:** Expression Plasmids  
**Product Name:** Brip1 (NM\_178309) Mouse Tagged ORF Clone  
**Tag:** Myc-DDK  
**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)  
**ORF Nucleotide Sequence:** >MR211750 representing NM\_178309  
 Red=Cloning site Blue=ORF Green=Tags(s)

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 GCCCGATCGCC

ATGTCCTCAGTGTGTCTGACTACACCATCGGTGGGGTGAAGATCCACTTCCCTGTAGAGCGTATCCAG  
 CACAGCTTGCATGATGAATTCTATTGTCAGAGGACTAAACAGCAGCCAACACTGTTTGTGGAGAGTCC  
 CACAGGAAGTGGAAAAAGTTAGCCTTACTTTGTTCTGCATTAGCATGGCAGCAATCTCTTAGTGAGAAG  
 CCAGTGGATGAGGGCCTGAATAAAAAGCCTGAGGCACCACCTTCATGTTCTTGTGCATGCCATTCAAAGA  
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 AGCAGGACCACAGCTGTGTCCTCCTGAAGTGGTGGGAATTTCAACAGAAAGGAGAAGTGCATGGAGC  
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 ACTGCAGCACCTTCAGGGCATGTCCAGAGCCTGGGACATAGAAGAACTAGTCAGCCTCGGGAGGAAACTG  
 AAAGCTTGTCCCTACTATACAGCTCGAGAACTGATAGAGGATGCTGACATAGTGTGTTTGTCCCTACAACT  
 ACCTTTTAGACTCACAAATAAGGGAAACTATGGATATAAAGCTGAAAGGACAAGTTGTCATTTTAGATGA  
 AGCTCACAACTTGAAGACTGTGCTCGGGAATCAGCAAGCTACAGTGTAAACGAAGTTTACAGCTTAGGTTT  
 GCTCGGGATGAGCTAGATAGTTTGTCAACGGTAACATAAGGAAGAAAAGCCACGAGCCCTACGAGATG  
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CCAGTTTTGCAGAGGCATCTCTCAGCTGTTCTTCAAAAAGAAGAGAAAAGTACACCAATCCATGGTAAAG  
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TGTGTGCCCTCAAACGAAACAGCAGACACATCACTGGGACCTTGCCTTCAGTCAGAAGTCATAATTTAC  
CAGTGAAGATTGAAGCTACTCTGCTACGAATTTCCAAACAGGTGTTCTGCTGTGAGAAAAGCCTACT  
CCCGGATACTGAATTGTCGCCAGGAACTGAAGAAGCCAAGTGTCCAGCTCAAACAAAGCTGCTGAAACA  
GAAGTGGATGATGACTCTGAGTGTTCACCTGAACTTTTGTCTGTCGATACCAACGAAGAAAACG  
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ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >MR211750 representing NM\_178309  
Red=Cloning site Green=Tags(s)

MSSVLSDYTIGGVKIHFPcRAYPAQLAMMNSIVRGLNSSQHCLLESPTGSGKSLALLCSALAWQQSLSEK  
 PVDEGLNKKPEAPPSCSCACHSKNFTYSDTNLDTSPHFNSPKPSSGRNGVSTPCQDSPEKNTLAAKLSA  
 KKQASIHREDDDFQVEKKRIRPLETTQQIRKRHCLEKDVHVDARLASEKRVKPESPIGKSFSDRKDSF  
 QNV DGLCSRCCCSAKQGNQEPANTVKKDHGGQCKRPKIYFGTRTHKQIAQITRELKRTAYSGVPMTILS  
 SRDHSCVHPEVGNFNRKEKCMELLDGKHGKSCYFYHGVHKISNQQLQHLQGMSRAWDIIEELVSLGRKL  
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 DWGALILVDRFNNPNRYISGLSKWVRQIQHHSSFASALESLTEFSRRHQVTNRSKKDEKCTKDNEP  
 TLEVACLEDSTFTSYSESSHQSPENSTEEA EVCVQELQCPQVATKSPSVASHGVSRRKSDPGLRGESLQ  
 TMKTEKNEISRSSSPTFGKQTEPVNWIIFNSLRHFNSKVNCTPVLKSSKNRAPGSSTFNKTALPLTGN  
 CVPSNETADTSLGPLQSEV IISPVKIEATPATNYSKQVFCCEKDLLPDELSPGTTEEAKCPSSNKA AET  
 EVDDDSECFTELPFDVDTNEENGELVETDRSSHSSDCFSAEELFETATGFGQK

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Chromatograms:** [https://cdn.origene.com/chromatograms/mm9040\\_b06.zip](https://cdn.origene.com/chromatograms/mm9040_b06.zip)

**Restriction Sites:** SgfI-MluI

**Cloning Scheme:**

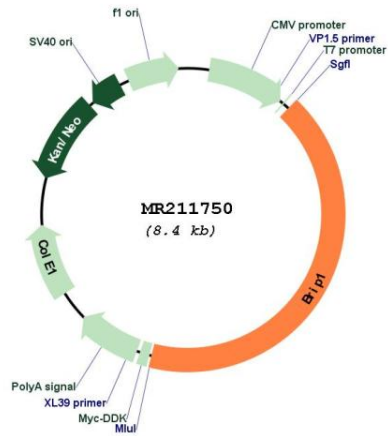


**ACCN:** NM\_178309

**ORF Size:** 3522 bp

<b>OTI Disclaimer:</b>	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. <a href="#">More info</a>
<b>OTI Annotation:</b>	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
<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="#">NM_178309.2</a> , <a href="#">NP_840094.1</a>
<b>RefSeq Size:</b>	6933 bp
<b>RefSeq ORF:</b>	3525 bp
<b>Locus ID:</b>	237911
<b>UniProt ID:</b>	<a href="#">Q5SXJ3</a>
<b>Cytogenetics:</b>	11 C
<b>MW:</b>	131.8 kDa
<b>Gene Summary:</b>	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]

Product images:



Circular map for MR211750