

## Product datasheet for **MC204449**

### Brinp3 (NM\_153539) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Brinp3 (NM_153539) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Brinp3
Synonyms:	B830045N13Rik; Fam5c
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC030498  
 CCACGCGTCCGACAGACGTTTCGCTGTCTAGGTGTTGAGGGAAAGCTGAGAGGATGACGGCTCTAAGTCCC  
 CAGTGGAAAGCATGATATGGCGGCGCAGAGCTGGTGTGAACTGTCCTCTCTGATGGCTCTATGGGAGTGG  
 ATAGTACTGAGTCTTCATTGCTGGGTTTTAGCGGTTGCTGCTGTCTCTGACCAGCATGCCACAAGCCCT  
 TCGACTGGCTCCTCTCTGATAAGGGACCCTTCCATCGCTCACAGGAGTACACAGATTTTGTGGACAGAAG  
 CCGACAGGGATTAGCACAAAGATAACAAGATACAGGGAGTTGGTCGTTGGAAGGTAATAACCTTGCA  
 GTTGAGAGAAGAAATTTCTTGGTTCTCCTCTGCCTCTTGCCCTGAGTCTTCCGCAACATAAGACTTT  
 TGGGACGACGACCTACTCTACAGCAAATCACAGAAAATCTTATCAAGAAATATGGGACTCAATTTCTGCT  
 ATCAGCTACTCTGGGAGGAGAGGAGTCACTCACAAATTTTGTGGACAAGCGGAAGCTGAGCAAAAGATCT  
 GAAGGAAGTGAACCAGCACCAATAGTTCGTCTGTTACCTCGGAGACCTTACATCAATTGGCTGCTTCT  
 ATTTTATTGACAGGGACAGCACCTTTCGACAGCTTACCATATCCAAATTGCATCCACTGCCATCAAGGT  
 GACAGAAACACGGACAGGTCCTTGGCTGCAGTAACTATGACAACTAGATTCTGTGAGCTCTGTTCTG  
 GTTCAGAGTCTGAGAATAAAATTCAGTTGCAAGGGCTTCAAGTCTCCTTCCGACTACCTTCAGGAAC  
 GTTTTGTACAGGCAGCACTGAGTACATTGCTTCAATTCTGAGGGCGAGTTTATCTGCAAGGATAATGA  
 CTGCTGGTGCCACTGTGGTCCAAAATCCAGAATGTAATTGCCCTTCCATGGATATTCAAGCCATGGAA  
 GAGAATCTTCTCGAATAACAGAAAACATGGAAAGCCTACAACAGTGACTTTGAAGATTAGATGAATTC  
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 GGATTCTAATTTTTCAGCGCCGCTACGAACAACCTGGAGAACAGCATGAAACAGCTTTTCTGAAGGCACAC  
 AGAATTGTACACAAGCTCTTTAGCCTTAGCAAACGGTGCCACAAGCAGCCTCTCATCAGCCTGCCGAGAC  
 AGAGAACATCAACCTACTGGTCACTCGCATCCAGTCTTTTCTACTGCAATGAGAATGGCCTTCTGGG  
 AAGCTTCTCCGAGGAAACCCACTCCTGCACATGCCCAACGACCAGGTAGTGTGCACAGCCTTTCTGCC  
 TGTACTGTGGCGATGCCTCTGCCTGCCTTACCTGTGCACCTGACAACCGTACCCGGTGTGGCACCTGCA  
 ACACAGGCTACATGCTGAGCCAGGGACTCTGCAAGCCTGAAGTCGCTGAGTCAACCGTACTACTATTGG  
 CTTTGAGACCAGCCTACAAGACCTAGAGATGAAATACCTGTTGCAAAAACAGATAGACGAATAGAAGTA  
 CATGCCATCTTTATCAGCAATGACATGCCCTCAACAGCTGGTTTGATCCTTCTGGAGAAAAGCGGATGC  
 TCCTGACCTTGAAGAGTAACAAATACAAGTCCAGTCTGGTCCACATGATCTTGGGTCTCTTTTACAGAT  
 TTGCTTAATAAAAACAGCACGTTGGAGCCAGTCTGGCTGTTTATGTCAATCCCTTTGGAGGCAGCCAC  
 TCCGAGAGCTGGTTTATGCCTGTGAGTGAGAGCAGCTTCCAGACTGGGAGCGGACTAAGCTGGACCTCC  
 CTCTACAGTGTATAACTGGACTGACTCTGGGAAAACAATGGAAGACATTTTTTGGAGACGTACACAT  
 CTACCTGAGGAGTCGCATCAAGGCAAATGGCCCAACAGCAATGAGAGCATTTATATGAGCCTTTGGAG  
 TTTATTGACCCATCCCGAACCTGGGCTACATGAAAATCAACAACATCCAAGTGTGGCTACAGCATGC  
 ACTTTGACCTGAAGCCATTTCGGACCTGATTTTGCAGCTGGACTACCCTTATACTCAGGGATCCCAGGA  
 CTCGGCACTTTTGCAGCTACTAGAGATAAGAGACCGTGTAAATAAACTCTCCCCACCCGGTCAGCGCCGC  
 CTGGATCTGTTTTCTTGCTTGCCTCATAGACTCAAGCTGTCTACTAGTGAGGTGGTGAAGTTCAGT  
 CTGCTCTTCAGGCATTTAATGCCAAGTTGCCAAACACAGTGGATTATGACACAACCAAAATATGTAGTTA  
 ACCATAAATGTCAAGCACAAACCAAAATCTTGAAGGAGTTTTTACAGTGTCTTTGTGGAAGTTTATGTTT  
 GGAAAAGTAAATTTAAATTTGCTTTTCAATATCTGTCTTATATCAGTCAATAACGTTGGATGGCAATTTA  
 CACACATGAACCTGCTGACAATGAATATATTACTACAGTTTTGGTTTATGAATGAAATAAATACTGAC  
 ACCAGTCTAGAAGACATTCTACTTTTTACAATAAATTTTCAATTTGTAATTTTAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM\_153539
- Insert Size:** 2301 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:** [BC030498](#), [AAH30498](#)

**RefSeq Size:** 2659 bp

**RefSeq ORF:** 2301 bp

**Locus ID:** 215378

**UniProt ID:** [Q499E0](#)

**Cytogenetics:** 1 63.24 cM

**Gene Summary:** Inhibits neuronal cell proliferation by negative regulation of the cell cycle transition. Promotes pituitary gonadotrope cell proliferation, migration and invasion, when overexpressed. May play a role in cell pituitary tumor development.[UniProtKB/Swiss-Prot Function]