

Product datasheet for **RN213907**

Brinp3 (NM_173121) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Brinp3 (NM_173121) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Brinp3
Synonyms:	Fam5c
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >RN213907 representing NM_173121
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGATATGGCGGCGCAGAGCTGGTGTGAATTGTCTCTGATGGCTCTATGGGAGTGGATAGTACTGA
 GTCTTCATTGCTGGGTTTTAGCGGTTGCTGCTGTCTGACCAGCATGCCACAAGCCCTTCGACTGGCT
 CCTCTCTGATAAGGGACCCTTCCATCGCTCACAGGAGTACACAGATTTTGTGGACAGAAGCCGACAGGGA
 TTTAGCACAAAGATAACAAGATATACAGGGAGTTGGCCGTTGGAAGGTAATAACCTTGCAGTTGAGAGAA
 GAAATTTCTTGGCTCTCTCTGCTCTTGCCCTGAATCTTCCGCAATATAAGGCTTTGGGACGACG
 ACCTACACTTCAGCAAATCACAGAAAATCTTATCAAGAAATATGGGACTCATTTCTTGTATCAGCTACT
 CTGGGAGGAGAGGAGTCACTCACAATTTTGTGGACAAGCGGAAGCTGAGCAAACGACCAGAAGGAAGTG
 AAACCAGCACCAATAGTTCGTCTGTACCCTTGAGACACTACATCAATTGGCTGCTTCTATTTTATTGA
 CAGGGACAGCACCTTCGCAGGCTTACCATATCCAAATTGCATCTACTGCCATCAAGGTGACAGAAACA
 CGGACGGTCTCTTGGCTGCAGTAACTATGACAACTAGATTCTGTGAGCTCTGTCTTGGTTTCAGAGTC
 CAGAGAATAAAATTCAGTTGCAAGGGCTTCAAGTTCTCCTTCCCAGTACCTTCAGGAACGTTTTGTACA
 GGCAGCGTTGAGCTACATTGCTTGAATTCGAGGGGGAGTTTATCTGCAAGGAGAATGACTGCTGGTGC
 CTCTGTGGTCCAAAATCCCAGAATGCAATTGCCCTCCATGGATATTCAAGCCATGGAAGAGAATCTTC
 TTCGAATAACTGAAACATGGAAGCCTACAACAGTGACTTTGAAGATTGAGTGAATTCAGTTCTTTAT
 GAAAAGACTACCCATGAATATTTCTCAACACTTCAACTATAATGCATTTGTGGACAATGGATTCTAAT
 TTTCAGCGCCGCTATGAACAACAGGAGCAGCATGAAGCAGCTTTTCTGAAGGCACATAGAATTGTAC
 ACAAGCTCTTTAGCCTTAGCAAACGGTGCCACAAGCAGCCTCTCATCAGCCTGCCAAGCAGAGAACTTC
 AACCTACTGGCTCACTCGCATCCAGTCTTTTCTCTACTGCAATGAAAATGGCCTTCTGGGTAGCTTCTCC
 GAGGAAACCCATTCTGCACATGCCCAACGACCAGGTAGTGTGCACAGCCTTTCTGCCCTGTACCGTGG
 GCGATGCCTCGGCCTGCCTGACCTGTGCACCTGACAATCGCACCCGCTGTGGCACCTGCAACACAGGTTA
 CATGCTGAGCCAGGGACTCTGCAAGCCTGAAGTCGCTGAGTCAACAGATCATTACATTGGCTTTGAGACC
 GACCTGCAAGACCTGGAGATGAAATACCTGTTGCAGAAAACAGACAGACGAATAGAAGTCCACGCCATCT
 TTATCAGTAATGACATGCGCCTCAACAGCTGGTTTGTATCCTTCTGGAGAAAGAGGATGCTCCTGACCTT
 GAAGAGTAACAAGTACAAGTCCAGTCTGGTCCACATGATCTTAGGTCTGTCTTACAGATTTGCTTAACT
 AAAACAGCACGTTGGAGCCAGTCTGGCTGTTACATCAATCCCTTTGGAGGCAGCCACTCCGAGAGCT
 GGTATGCTGTGAGCGAGAGCAGCTTCCAGACTGGGAGCGGACTAAATTGGACCTTCCACTGCAGTG
 CTATAACTGGACTGACTCTGGGAAACAAATGGAAGACATTCTTTGAGACAGTACACATCTACCTGAGG
 AGTCGCATCAAAGCAAATGGCCCAACAGCAATGAGAGCATTACTACGAGCCTTTGGAGTTTATTGACC
 CATCCCGAACCTGGGCTACATGAAAATCAACAACATCCAAGTGTGGTACAGCATGCACTTTGACCC
 AGAAGCCATTCCGGACCTGATTTTGCAGCTGGACTACCCCTACACTCAGGGATCCCAGGACTCGGCACCT
 TTGCAACTACTAGAGATAAGAGACCGTGTAAATAAACTCTCCCACTGGTCCAGCGACGCTGGATCTGT
 TTTCTTGGCTTCTGTCATAGACTCAAGTTGTCTACTAGTGAGGTGGTGAAGTCAATCTGCTCTTCA
 GGCATTTAATGCCAAGTGCACAAACACAGTGGATTATGACACAACCAAAATATGTAGT**TAA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
ACCN: NM_173121
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:	<ol style="list-style-type: none">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_173121.1 , NP_775144.1
RefSeq Size:	3039 bp
RefSeq ORF:	2301 bp
Locus ID:	286901
UniProt ID:	Q8K1M7
Cytogenetics:	13q21
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 (By similarity).[UniProtKB/Swiss-Prot Function]