

Product datasheet for MC200903

Bnip2 (NM_001008238) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bnip2 (NM_001008238) Mouse Untagged Clone
Tag: Tag Free
Symbol: Bnip2
Synonyms: 5730523P12Rik; BNIP2beta; Nip21
Mammalian Cell Selection: Neomycin
Vector: PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection: Kanamycin (25 ug/mL)

Fully Sequenced ORF: >BC012670 sequence for NM_001008238
 CCACGCGTCCGTGCAGCCGCCCGGACTGCAACTAAGATCGTCCGGGAAAAGCTGGGCCCGTCTCCACAG
 CCGACCAAGGGCAGCGGGCTCTGCCCGGCCGCTTTCTGCGACCTGGCCGTGAGCCCGAGTCCGCGGC
 CTGGAGGGGCAAAGAGGACGAGGGGGCCCGGCTTCTCCGGGGACCTTGCTGCCTGGATTGCCAGGAG
 CTGGAAGTTGACATTGAGTCTAGGCTGAGGATGGAAGGTGTGGAGCTGAAGGAAGAAATGGCAGGATGAAG
 ATTTTCCAATACCTTTACCAGAAGATGACAGCATTGAAGCAGATACACTAGATGGAAGTATCCAGACAG
 ACAGCCTGGCTCCTTAGAAGTTAATGGGAACAAAGTAAGGAAGAACTGATGGCCCCAGACATCAGCCTG
 ACCCTGGATCCTGGTGAAGACTCTCTGTGGTCCGATGATTTGGATGAAGCTGGAGAGGTTGACCTGGAA
 GCTTAGACACCCCATCAGAGAACAGTATGAGTTTGGTGGGAAGATGATCTTCCAAACCCAAAACACTAC
 TGAAGTCATTAGAAAAGGCTCGATTACTGAGTACACAGCCACAGAAGAAAAGGGCGATGGACGCCGCTGG
 CGCATGTTGAGGATTGGAGAGCAGGACCACAGGGTGGACATGAAGGCGATCGAGCCCTACAAAAAGTTA
 TTAGCCATGGAGGATATTATGGGACCGCTTAAATGCCATTGTTGATTTGCTGTCTGTTTCATGCCTGA
 GAGTGGTCAGCCTAACTATAGATATTTGATGGACAATCTCTTTAAATATGTTATTGGCACTTTAGAGCTG
 TTGGTAGCAGAGAACTACATGATCATTTACTTAAATGGTGGCACAACCTCGAAGAAAAATGCCAGTTTGG
 GATGGCTCAGGAGATGCTACCAGCAAAATGATAGACGATTAAGGAAAAACCTTAAGTCTCTAATCATTGT
 GCACCCCTCTTGGTTTATCCGAACACTTCTGGCTGTACACGACCATTTATCAGTTCAAAGTTTCAAGTCA
 AAGATCAGATACGCTTTAACTTGGCCGAGCTGGCAGAGCTTGTCCCATGGAGTATGTCGGCATAACCAG
 AGTGCATCAAACAAGTTGATCAAGAGCTTAATGGAAAAACAAGAACCACCAAAAAAGTGAGCAGTAAGTTCC
 GTGTCCAGCCCGACAAGAGAGAGCACCAGGGGAGCGGGCTGTAGTGCATCCTATTGCACTCATGGCTC
 ATGTGTTTATGTAATCGGTTGCAAATTTACTTGACTTCTTTCAAATGGACTCTTGACAAGGGACTGT
 TCACTGCTGTCATGGTTTGAACCTTTGAATTTAGCTCTTTAATGACTAATTATATTGTAATCATTTTAT
 ATTGCTAAATAGTAAAGAGCTACACTTTATAAAAAAGCAATTTTACATTTGTTTATTGTAATGATGCATC
 TTCAGTAAAGTATTTATATACATAAATGACAAAAA

Restriction Sites: RsrII-NotI
ACCN: NM_001008238



[View online >](#)

Insert Size:	945 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:	<u>BC012670</u> , <u>AAH12670</u>
RefSeq Size:	1516 bp
RefSeq ORF:	945 bp
Locus ID:	12175
Cytogenetics:	9 D
Gene Summary:	Implicated in the suppression of cell death. Interacts with the BCL-2 and adenovirus E1B 19 kDa proteins (By similarity).[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (alpha) encodes isoform alpha. Sequence Note: The RefSeq transcript and protein were derived from genomic sequence to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on alignments.