

Product datasheet for MC223299

Bnc2 (NM_172870) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Bnc2 (NM_172870) Mouse Untagged Clone
Tag: Tag Free
Symbol: Bnc2
Synonyms: 5031434M05Rik; 8430420F16Rik
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223299 representing NM_172870
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCCGCGATCGCC

ATGGCACGTTTTGTGCCCTCCCCGCTCCAAATTGCCTCAGTTACAAATCAGAGGGCAGGCTTGGTGAGC
 AAGACTGGCAAGCACATTTAAAGTCCCCTGCTGTGGGGTTGATCCATCTCAACTTGAGGCCATCCGCTG
 CACATTGGTAAACTGCACGTGTGAGTGTTCAGCCTGGGAAGATTAACCTGCGGACGTGTGATCAGTGT
 AAACATGGCTGGGTGGCACATGCCTTGGATAAACTCAGCACACAGCACCTGTACCACCCCACTCAAGTGG
 AGATTGTGCAGTCCAACGTGGTGTGGACATCAGCAGCCTGATGCTCTACGGGACGCAGGACGTGCCTGT
 GCGGCTAAAGATACTGCTAGACCGGCTCTTCAGTGTCTGAAGCAAGAGGAAGTGTGCACATACTACAT
 GGCTTGGGCTGGACCCTGAGGGACTATGTCGAGGATACATCCTTCAGGACGCTGCTGGCAAGGTACTGG
 ACCGCTGGGCCATCATGTCTCGGAAGAAGAAATCATCACCCCTCAGCAGTTTCTGCGGTTTGGGAAAC
 CAAATCCATCGTGGAGCTGATGGCAATTCAGGAGAAAGAGGGCAAGCCGTGGCTGTACCATCTTCAAAG
 ACAGACTCGGATATAAGGACTTTCATTGAGAGCAATAATCGCACCAGGAGTCTAGCCTCCTTGCTCACT
 TAGAGAACAGCAATCCTCCAGCATCCATCATTTTGAACATACCAAACAGCCTTGCAATTTCTGCTTCC
 ATTCCAGTATATAAACCCCGTGTCTGCCCCACTGTTAGGGTTGCCGCCAACGGGCTGCTTTTGGAGCAG
 CCGGGGCTGAGGCTGAGGAACCGAGCATTCAACTCAGAATGAGTACAATGAGAGCAGTGAATCTGAAG
 TATCGCTACACCATATAAGAGTGATCAGACGCCCAATAGAAATGCCCTGACTAGCATACTAATGTGGA
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 GAACACCAAAAAGCTCATTCCGGATTCACCGTATGAGAAGGATGGGGTCAAGCCTCCAGGAAAGGAAGG
 TATTCTGTAATGCTTGTGGGAAGACGTTCTATGACAAAGGACTCTCAAATTCATAATGCTGTTCA
 CCTGAAGATTAACACCGATGTACCATGAAGTTGCAACATGGTCTTTAGTTCCCTTCGAAGCCGGAAT
 CGCCACAGTGCAAACCCCAACCCCGCCTTCATATGCCTATGCTAAGGAATAACCGAGACAAAGATTTAA
 TCCGGGCTACATCAGGAGCTGCCACTCCAGTCATAGCAAGTACAAAATCAAATCTCACACTCAGGATCC
 TGGCCGGCCCCGATGGGTTTTACCACCCCTCCACTAGACCCCGTCTTACAGAACCCTCTCCAAGCCAG
 CTGGTATTTTCTGGGCTAAAGACTGTACAGCCAGTTCTCTTTTTATAGAAGTTTACTTACTCCAGGGG



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AAATGGTGAAGTCCCAACCTCCCTCCCAACCAGTCCCATCATTCCGACCAGTGGCACCATAGAACAGCA
CCCTCCTCCACCCTCTGAGCCAATAGTGCCGGCAGTGATGATGGGCACTCATGAGCCCAGCGCTGACCTG
GCACCTAAGAAAAAGCCTAGGAAGTCAAGCATGCCTGTAAAAATTGAGAAGGAAATCATCGACACTGCCG
ACGAGTTTGACGATGAAGACGACGATCCTAATGACGGCGGGACCGTGGTCAATGACATGAGCCATGACAA
TCACTGTCATTCCCAAGATGAGATGAGCCCAGGCATGTCCGTGAAGGACTTCTAAGCATAACAGGACC
CGGTGCATTTCAAGAAGTAAATAAGAAGGGCTGACAGTATGACGTCTGAGGACCAGGAGCCCGAGCGGG
ACTATGAGAACGAGTCCGAATCCTCAGAGCCTAAGCTCGGTGAGGAATCCATGGAGGGGGATGAACACCT
TCACAGTGAGGTGAGCGAGAAGGTCTGATGAACAGCGAGAGGCCGACGAGAACCACAGCGAGCGTCC
CACCAGGACGTCATCAAGGTAAGGAAGAATTTACAGACCCCACTTACGACATGTTCTACATGAGCCAGT
ACGGACTATACAACGGTGGCGGGGCCAGCATGGCTGCCCTGCATGAAAGTTTTACATCGTCTCTGAATTA
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TATAAACCTGCATCGTAACTGTTGACCAAAGAAGTGGATGACATGAGCCTGGACTCATCGCAGCCCTCC
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AGAGAGTCCGATGCAGGCAGCGATGAGGGGATTCTTCTCGACGACATCGATGGCGCGAGTGACAGTGGGG
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GTTTCAGCAGTTTGTCTGGGAGCAATGGTGGGATCATGTGCAACATTTGCCACAAAATGTACAGCAACAAG
GGGACCTGCGGGTCCACTACAAAAGTGTGATTTGCGAGAGATGCATAAGTGCAAAGTCCCCGGCTGTA
ACATGATGTTCTCTCTGTGCGAAGCCGAAACAGGCACAGCCAGAACCCCAATCTTCACAAAAACATTCC
CTTCACTCAATAGATTAG
    
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites:

Sgfl-Mlul

ACCN:

NM_172870

Insert Size:

3099 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:

[NM_172870.4](#), [NP_766458.3](#)

RefSeq Size:

6453 bp

RefSeq ORF:

3099 bp

Locus ID: 242509

UniProt ID: [Q8BMQ3](#)

Cytogenetics: 4 C4

Gene Summary: Probable transcription factor specific for skin keratinocytes. May play a role in the differentiation of spermatozoa and oocytes.[UniProtKB/Swiss-Prot Function]