

Product datasheet for **MC217740**

C80913 (BC023029) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	C80913 (BC023029) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	C80913
Synonyms:	Rmp, NNX3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >BC023029
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGTACCATTCGGCCCTTTGCCTTCATGCCAGGAAACTAGTCCACACTAATGAAGTCACTGTTTTAC
 TTGGCGACAACACTGGTTTGCAAAGTGCTCAGCCAAGCAGGCTGTGGGTTTAGTTGAGCATCGAAAGAACA
 TGTAAGAAAAACAATAGATGATTTTAAAAAAGTGTGAAAAATTTGAATCCAGAGTTGAATTCACAGAA
 GATTTGCAGAAGATGAGTGATGCTGCAGGTGATTTTGTGACATAAGAGAAGAAATTAAGTACTTTG
 AATTTAAAGGAAAAACAACGAATTGCTCACAAACCTCATTCCAAACCAAAAACTTCAGATATTTTTGAAGC
 AGATTTTGAAAAATGGTGTAAAACCCAAGGATACATTTGATGCTGATGAACTGTGGGCTCGACTTGAAGAG
 CTGGAGAGACAAGAAGAACTGCTGGGTGAACTTAAAAGTAAACCTGATACTGTGATTGCAAATGGAGAAG
 ACAGAGTGTCTTCTGAGGAGGAAAAGGAAGGTGCAGACACAGGTGTAATGTGGTGTCTCCAGTGACAGA
 CTCTCTGCCGCCAGCAGCTGTAAAAGGCGTGTGAAAATGCAGGACTCCCTAATGGTCAAGTCAATAGT
 CTGAACTATTCAGTGAATGGCTCAAATTTACCACAGCAACAAAGATGATGATGAAGAAGAAGATGACG
 ATGATGATGATGATGATGAAGATGACGATAATGAAAGTGACCATGCTATTTTCAGCAGATAATTTCTATTCC
 AACAAATATTTTCTCTACTGTTGAACCTAAAAGGGTTTCAATAAATACTGGGAAAAATACCACTTTA
 AAGTTCAGTGAGAAGAAAGAGGAAGCCAACCGAAACGAAAGAGTGGTCCCGGCAGTCACGCTACCCACG
 AGCTGCCTGCCATCAAGAGTCTGCTGATTTTACAGAGTCTTCGTGGATGTTGTGAATGGAGAATATGT
 TCCTCACAAAGTCAATCCTCAAGTCTCGCAGCCGAGAGAACAGCGTGTGCAGCGACACAAGTGAGAGCAGC
 GCTGCCGATGTGGAGACCGCGGGGGCTCCTGCGGAGCACCAGCTCTGAGGAGGCCGTGGCTACCGAGG
 CCGGCGGAGCAGTTTGGACGAACTCAAGAGAACCAACCAAGAAAGCCTTTGCCCTCAGGAGTGTCTGA
 GGCTTTTTCTGGAAGTGAATAGAAAAAGAAATTTTATCACCTCCCTAGCACCATACTCAGCCATTGCT
 CACCATGCCCTCCCACCATTCAGAGCGAAAAGAAAGTCCATCAGAAGTATCAGAGGAACCCACAAAGA
 GGGTGTCAAAGTTCAGAGCTGCCCGATTGCAGCAGAGAAGCTAG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCTGAAGAGGATCTGGCAGCAAATGATATCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: BC023029

Insert Size: 1374 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: [BC023029](#), [AAH23029](#)

RefSeq Size: 2462 bp

RefSeq ORF: 1373 bp

Locus ID: 19777

Cytogenetics: 7 B3

Gene Summary: Involved in gene transcription regulation. Acts as a transcriptional repressor in concert with the corepressor UXT to regulate androgen receptor (AR) transcription. May act as a tumor suppressor to repress AR-mediated gene transcription and to inhibit anchorage-independent growth in prostate cancer cells. Required for cell survival in ovarian cancer cells. Together with UXT, associates with chromatin to the NKX3-1 promoter region (By similarity).
[UniProtKB/Swiss-Prot Function]