

## Product datasheet for **MC200764**

### **Nrbp2 (NM\_144847) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Nrbp2 (NM_144847) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nrbp2
Synonyms:	BC011468
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC012437 sequence for NM\_144847  
 GGGGAACCTGCGGGAGCCCTGGACAGAGACTGCCAGTCTCCCCGCCAACTGACATCCTGTCTTTCTCT  
 CTGCGTTGGCTGTTGCAGTGTGGTACCGCATCTTCTCCAATGCACCTTCTGATGATCTCCGGAGCCCTAT  
 TCGAGCTGAACGGGAAGAAGCTCCGAAACCTGCACCTTTTTCCACCAGAGTATGGCGAAGTCAATGATGGG  
 ACTGCTGTGGACATCTTCTCCTTCGGGATGTGTGCACTGGAGATGGCTGTACTCGAGATCCAAGCCAACG  
 GGGATACCAGAGTCACAGAAGAGGCCATCGCTCGAGCCAGGCACTCACTGAGTACCACCAACATCGGGGA  
 ATTCATCCTCTCCTGCCCTGGCCCGGGACCCTGCCCGCCGACCCTCAGCCCACAACCTCCTTTCCACCGA  
 GTGCTCTTTGAGGTGCACTCGCTGAAGCTGCTGGCAGCTCACTGCTTCATCCAGCACCAGTACCTCATGC  
 CTGAGAATGTGGTAGAGGAAAAGACCAAGGCCATGGACCTCCATGCAGTTTTGGCTGAGATGCCGAGCC  
 CCATGGACCCCCAATGCAGTGGCGTACTCAGAGGTCTCCTTCTTGGAGCTGGACAAAATCCTAGAGGAT  
 GTCAGGAACGGGATCTATCCACTGATGAACTTTGCGGCTGCTCGGCCCTTGGGGCTTCCCGTGTGTTGG  
 CCCCACCCAGAGGAAGCCAAAAGGCCAAAACCTCAACGCCAGAACCTTTGACTCGGAGACCAGGAA  
 GGTGGTCCAGATGCAGTGAACCTGAAAGAAGCGAGGACAAGGCTCGGTGGCACCTTACTCTGCTCTTG  
 GTGCTTGGAGACCGGCTACATCGGCAGCTGACCTATGATCTGCTCCCAACGGACAGTCCCAGGACCTCG  
 CTGCTGAACTAGTGCATTATGGCTTCTGCACGAGGATGACAGGACAAAGCTAGCAGCCTTCTGGAGAC  
 CACTTTTCTCAAGTACCAGGGACGCAAGCGTGACCTTCCAGTCTGACGGCCAGCAGAGATACAGGG  
 GCTCAGGGTTGTCCACTTGGCAAAGAGCCCCACACTGCTCAAAGCTGCCTTCTGCCTGTGTTCCCTGGA  
 ACTGAACACAGGCCCTGCTAGTGAAGACACCCCAACCCCAAGCTTTCTGCAGCAGTGTGGGACCCTGGG  
 GTGGTGTGGAGCCCTGAGCCTGGACGAGAGTGGATACAGGTCAGTTAGGGGAACCGCTCCATCTGGTAC  
 TAGACAACAGCCATGCCTTCAAGTGGCATAGAAACCTAGGGAAGGAGCCTGAACTCAGGTGTACAGTGC  
 TGGGCATCAGGCAGACCAGACCTGACCTGATTGGAGAAGTGTAGACTAGATAGCTTGGAGTTGAACCCAT  
 GGCCAGGGAATTCCTTGGTCTGCTCAGACCAGTCTGATCCCTTGCAGACCTGCCTTGGGCCCTTTTC  
 TGATCTTCCACACTCTTGGAGACCAGGACCTGTGTCTTCCCAAAGCCCTTGGGAAGGATCTTTCTATTCA  
 TCATCCCTCTGGCTAGGGGCTCAGGGGTGAGGCATCCTCCACATTCCTCCCTGGGGAAGTTGTGTGTT  
 TGAGTTGAGGATGTGGTTCTGCTCCCTCTTCTCCCAAGCCAACTGTCTCTTTCTTACTGTTTTC  
 AAAGTCTGATGAACGCTTCCCCTCAGAGCCACCTGGTTTCTTGGTCTTGAAGTGCCTCTCTCCCAA  
 CTTCAAACAGGTCTTAAACGTTTTTAAATGCATATATAAATGTAATGCAGTACAGGTCCTTTTTAAAC  
 ACTTTGTGTATGAAACCAGGAAAGCTCACTATTGTATTAGGAATAGTTCCACATTGCTGCTGTTAACAGA  
 TATCATAAACCCAGTGGTTTGGAGACGACACACACACACACACACACACACAGAGAGAGAGAGAG  
 TTCTGTACATCAAGTGTGATCCAGGCTCTCACTAGATTAATACCCAGGCTAAGTTCTTTCTGGAAGCTG  
 GGACTTACCTCCTGCTCCTTCAAGCTATTGGCAGAAGTCACTTCCCTGCAATGGTAAGGCAGAAAATCCCT  
 ATTTTCTCAACAGCTGCCAACTAAGAACCCTCTCAGCTTCTAGAGGCCCAACTTTTCTTAGTCTTC  
 TTTCTCCCCCTCAAGACCAGCAGCGTCAAGTTGAATCTTTGTCCTGGGCTAGCTGACTGGCTTGGCACT  
 GCTGGGAAGAGTTGGGGCCTTTTGTGAGTAGGTTGGACCCACCAGGATAACCGAGGATGATCCCCTTCTC  
 AGGGTCTATAGATGAACCACACCTGCGCAGTTCCTTCTGCTGTATCCTGGGCTTTGGTGTGGAGAAC  
 AGCCGTGGGCGGTGGGTGTTGTTACTGTGGTACCTACCATGCCATCTTAACCGAAACCAAGACCTAAAAA  
 AAAACAGATTTGTCATGGGACATCTAATAAATTAATGAACTCTGAAAAAAAAAAAAAAAAAAAAAAAAAAAA  
 AAAAAAAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM\_144847
- Insert Size:** 777 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:** [BC012437](#), [AAH12437](#)

**RefSeq Size:** 2537 bp

**RefSeq ORF:** 777 bp

**Locus ID:** 223649

**UniProt ID:** [Q91V36](#)

**Cytogenetics:** 15 D3

**Gene Summary:** May regulate apoptosis of neural progenitor cells during their differentiation.  
[UniProtKB/Swiss-Prot Function]