

## Product datasheet for **MC206302**

### **Nrbp1 (BC018463) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Nrbp1 (BC018463) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nrbp1
Synonyms:	MGC6961
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC018463  
 CCGAGGCCCCGGAACCCGAGCTGGAGCTGAAGCGCAGGCTGCGGGCGCGGAGTCGGGAGGCTGAGTGTTCC  
 ATTCCAGCATGTCGGAAGGGGAGTCCCAACAGTAGTCAGCAGTGGCTCAGACCCAAAGGTAGAATCCTC  
 ATCTTTAGCTCCTGGCCTGACTTCTGTGTACCTCCTGTGACCTCACACTTCAGCTGCTTCTCCCGAG  
 GAAGAAGAAGAAAGTGAAGATGAGTCTGAGATCTTGAAGAGTACCCTGTGGGCGCTGGCAGAAGAGGC  
 GAGAAGAGGTGAATCAGCGTAATGTACCAGGCATTGACAGTGCATACCTGGCCATGGATACAGAGGAAGG  
 TGTGGAGGTTGTGTGGAATGAGGTACAGTCTCTGAACGCAAGAAGTCAAACTGCAGGAGGAAAAGGTC  
 CGTGACAGTGTGATAATCTGATTGAGCTGGAACATCTTAACATTGTTAAGTTTACAAAATTGGGCTG  
 ATGTTAAAGAGAACAAGGCTAGGGTGATTTTCATCACAGAATACATGTCCTCTGGGAGTCTTAAGCAGTT  
 TCTGAAGAAGACCAAAAAGAACCACAAGACTATGAATGAAAAGGCTTGGAAAACGCTGGTGTACACAGATC  
 CTCTCTGCCCTAAGCTACCTGCACTCCTGTGACCTCCCATCATCCATGGGAACCTGACCTGTGACACCA  
 TCTTCATCCAGCACACCGACTCATCAAGATTGGCTCTGTGGCTCCTGACACTATCAACAATCACGTGAA  
 GACTTGCCGGGAAGAACAAGAAGAACCTACACTTTTTTGCACCAGAGTATGGAGAAGTCAACAACGTGACA  
 ACAGCAGTGGACATCTACTCTTTGGCATGTGTGCACTGGAGATGGCAGTGTGGAGATTACGGCAATG  
 GCGAGTCTCATATGTGCCACAGGAAGCCATCAGCAGTGCATCCAGCTACTAGAAGACTATTACAGAG  
 GGAGTTTATTCAAAGTGCCTGCACTGAGCCTGCTCGGAGACCAACAGCCAGAGAAGTCTGTTCCAC  
 CCAGCACTGTTTGAAGTGCCCTCACTCAAGCTTCTTGCTGCTCACTGTATCGTGGGGCACCAACACATGA  
 TCCCAGAGAACGCTCTAGAGGAGATCACCAAGAACATGGATACCAGTGTGTACTAGCTGAAATTCCTCGC  
 AGGGCCAGGACGAGAACCAGTTCAGACTTTGACTCTCAGTCACCAGCCCTAGAATTAGACAAAATTCCTT  
 GAAGATGTCAGGAATGGGATCTACCCTCTGACAGCCTTTGGGCTACCTCGGCCTCAGCAGCCACAGCAGG  
 AGGAGGTGACATCACCTGTTGTGCCCCCTCTGTCAAGACTCCAACCTCTGAGCCAGCTGAAGTGGAGAC  
 ACGAAAAGTGGTCTGATGCAGTCAACATCGAATCTGTGGAGGAGGGAGTCAAACACCATCTAACACTT  
 CTGCTGAAGCTGGAGGACAAATTGAACCCGACCTGAGCTGTGACCTGATGCCAAATGAGAGCATCCCGG  
 ACTTGGCAGCTGAGCTGGTGCAGCTGGGCTTCATTAGTGAGGCTGATCAGAGCCGCTGACTTCTCTGCT  
 GGAGGAGACGCTCAACAAGTTCAACTTACCAGGAACAGTACACTCAACAGCCACTGTACCCTCTCC  
 TCGTAGAGCTCACTTGAAGCCAGGCCCTAGCCAGGCTGTGGCTGTCCCTGGGCATGCTGCAGTCTCCTG  
 TCCCTTCTCCCGAGTCAATTACCCTTCGCGCCATATTATTTAGGAGGGCTTTAGGGGCTCCCTGGTT  
 GAGTATCACCTGCCCTTCCCCTCTCTCTCCCTCTGCACTTTGTTTACTTGTGTTTGCACAGACGTG  
 GGCCTGGGCTTCTCAGCAGCCACCTTCTAGCTGGGGGCTAGTAGCTGACCTGTGCCTCCTGCCCTACT  
 TGTGTGGACAGGAGGCCACGGGCACTGGGAAGCTGAGTTCTACAATCCCGCTGGGGCGCATGGGCAGG  
 AGAGAAAAGTGGTGTGCAGGGTGGCCCCCGGGGGGGCATTGAATCACCTCAGTTGCTGCTGTAAT  
 AAAGTCTACTTTTTGCTAAAGAAAAAAAAAAAAAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** BC018463

**Insert Size:** 1608 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:** [BC018463](#), [AAH18463](#)

**RefSeq Size:** 2148 bp

**RefSeq ORF:** 1608 bp

**Locus ID:** 192292

**Cytogenetics:** 5 B1

**Gene Summary:** May play a role in subcellular trafficking between the endoplasmic reticulum and Golgi apparatus through interactions with the Rho-type GTPases.[UniProtKB/Swiss-Prot Function]