

## Product datasheet for **RN213958**

### **Nrbp1 (NM\_001034997) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Nrbp1 (NM_001034997) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nrbp1
Synonyms:	Nrbp
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >RN213958 representing NM\_001034997  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGTCGGAAGGGGAGTCCCAAACAGTAGTCAGCAGTGGCTCAGACCCAAAGGTAGAATCCTCATCTTCAG  
 CTCTGGCCTGACTTCTGTATCACCTCCTGTGACCTCTACAACCTCAGCTGCTTCTCCGGAGGAAGAAGA  
 AGAAAGTGAAGATGAGTCTGAGATCTTGAGGAGTCCACATGTGGGCGCTGGCAGAAGAGGCGAGAAGAG  
 GTGAATCAACGTAATGTGCCAGGAATTGACAGTGCATACCTGGCCATGGACACAGAGGAAGGTGTGGAGG  
 TTGTATGGAATGAGGTACAGTTCTCTGAACGCAAGAACTACAACCTGCAGGAGGAAAAGGTCCGTGCAGT  
 GTTTGATAATCTGATTACAGCTGGAACATCTAACATTGTGAAGTTTCACAAGTATTGGGCTGATGTTAAA  
 GAAAACAAGGCCAGGGTATTTTCATCACAGAATACATGCCTCTGGGAGTCTAAAGCAGTTTCTGAAGA  
 AGACAAAAAGAACCACAAGACTATGAATGAAAAGGCTTGGAAACGCTGGTGTACACAGATCCTCTCTGC  
 CCTAAGCTACCTGCACTCCTGTGACCCTCCCATCATCCATGGGAACCTGACCTGTGACACCATCTTCATC  
 CAGCACAAACGGACTCATCAAGATTGGCTCTGTGGCTCCTGACACTATCAACAATCATGTGAAGACTTGCC  
 GGGAAGAACAGAAGAACCTACACTTTTTTGACACCAGAGTACGGAGAAGTCAAAAACGTTACAACAGCAGT  
 GGACATCTACTCTTTCGGCATGTGTGCACTGGAGATGGCAGTGTGGAGATTGAGGGCAATGGCGAGTCC  
 TCATATGTGCCACAGGAAGCCATCAGCAGTCCATCCAGCTACTAGAAGACTCGTTACAGAGGGAGTTTA  
 TTCAAAGTGCCTGCAGTCTGAGCCTGCTCGGAGACCCACAGCCAGAGAACTTCTGTTCCACCCAGCACT  
 GTTTGAAGTGCCTCACTCAAACCTCTTGTCTGCTCACTGTATTGTTGGACACCAACATATGATCCAGAG  
 AATGCTCTAGAGGAGATCACCAAGAACATGGATACCAGTGTGTACTAGCTGAAATCCCTGCAGGGCCAG  
 GCCGGGAGCCAGTTCAGACTCTGTACTCTCAGTACCAGCCCTGGAATTAGACAAATTCCTTGAAGATGT  
 CAGGAATGGGATCTACCTCTGACAGCCTTTGGGCTGCCTCGTCCCAGCAGCCACAGCAGGAGGAAGTG  
 ACATCACCCGTTGTGCCCCCTCGGTCAAGACTCCAACCTCTGAGCCAGCTGAAGTGGAGACACGCAAGG  
 TGGTGCTCATGCAGTGAACATTGAGTCGGTGGAGGAGGGAGTCAAACCCATCTAACACTTCTGCTGAA  
 GCTGGAGGACAACTGAATCGGCACCTGAGCTGTGACCTGATGCCAAATGAGAACATCCCGACTTGGCA  
 GCTGAGCTGGTGCAGCTGGGCTTATTAGTGAGGCTGATCAGAGCCGCTGACTTCTCTGCTGGAGGAGA  
 CGCTCAACAAGTTCAACTTTGCCAGGAACAGCACACTCAACTCAGCCGCCGTACCGTCTCTCTCA**TAG**

**ACGCGT**ACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM\_001034997
- 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:** [NM\\_001034997.1](#), [NP\\_001030169.1](#)

**RefSeq Size:** 2152 bp

**RefSeq ORF:** 1608 bp

**Locus ID:** 619579

**Cytogenetics:** 6q14