

Product datasheet for **RN211491**

Nrbp2 (NM_001135007) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nrbp2 (NM_001135007) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nrbp2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN211491 representing NM_001135007
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCGGCCCGGAGCCGGCCCGGAGGAGAGGCCGGGAACGCGAGCGGGAGGACGAGAGCGAGGACGAGA
 GCGACATCCTGGAGGAGAGCCCGTGTGGCCGCTGGCAGAAGCGCGGGAGCAGGTGAACCAAGGGAACAT
 GCCCGGATTAGAGCACCTTTCTGGCCATGGACACGGAAGAGGGGGTAGAAGTGGTGTGGAACGAACTC
 CACTTCGGGGATAGGAAGGCCTTTGCGGCCATGAGGAGAAGATCCAGACCATGTTTGAGCAGCTGGCGC
 TGGTGGACCACCCCAACATCGTCAAGCTGCACAAGTATTGGTGGATGCCTCTGAGGCCCGCGGAGGGT
 CATCTTCATCACAGAATACGTGTCGTCTGGCAGCCTCAAGCAGTTCCTCAAAAAGACCAAGAAGAACCAC
 AAGCCATGAACGCCCGGCCCTGGAAGCGCTGGTGTACGCAGATCCTGTCTGCACTCAGTTTTTTGCACG
 CCTGCAGTCCCCCATCATCCACGGAACCTGACCAGCGACACGATCTTCATTAGCACAATGGCCTCAT
 CAAGATCGGCTCTGCACTTCCTGACGATCTCCGGAGCCCTATAAGAAGTGAACGGGAGGAGCTCCGAAAC
 CTGCACTTTTTCCACCAGAGTATGGCGAGGTCAACGATGGGACTGCTGTGGACATCTTCTCCTTTGGGA
 TGTGTGCACTGGAGATGGCGGTCTTGGAGATCCAAGCCAACGGGGATACCCGAGTACAGAGAAGCAT
 TGCTCGGGCCAGGCACTCGTGTGAGTACCCCAACATGCGGGAATTCATCCTCTCCTCGCTGGCCCGGAC
 CCTGCCCGCCGACCTCAGCCACAACCTCCTCTCCACCGAGTGTCTTTGAGGTGCACTCGCTGAAGC
 TGCTGGCAGCCACTGTTTCATCCAGCACCAGTACCTCATGCCTGAGAATGTGGTAGAGGAAAAGACCAA
 GGCCATGGACCTCCATGCAGTGTGGCTGAGATGCCCCAGCCCCATGGACCCCAATGCAGTGGCGGTAC
 TCAGAGGTTTCTTCTTGGAGCTGGACAAATCCTAGAGGATGTCAGGAATGGCATCTATCCACTCATGA
 ATTTCTGCTGCTCGGCCCTTGGGACTTCTCGTGTGTTGGCCCCACCCAGAGGAGGCCCCAAAAGGC
 CAAAACCTCAACCCAGAACCTTTGACTCGGAGACCAGGAAGGTGGTCCAGATGCAGTGCACCTGGAA
 AGAAGCGAGGACAAGGCTCGGTGGCACCTTACTCTGCTTTTGGTCTTGGAGACCGGTTACATCGGCAGC
 TGACCTATGATCTGCTCCAACCGACAGTGCCAGGACCTCGCCGCCGAAGTGTGCACTATGGTCTCCT
 GCACGAGGATGACCGGACAAAGCTAGCAGCCTTTCTGGAGACCACTTTTCTCAAGTACCGTGGGACACAA
 GCG**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001135007

Insert Size: 1476 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_001135007.1](#), [NP_001128479.1](#)

RefSeq Size: 2628 bp

RefSeq ORF: 1476 bp

Locus ID: 680451

Cytogenetics: 7q34