

## Product datasheet for **RN202885**

### **Nrp2 (NM\_030869) Rat Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Nrp2 (NM_030869) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nrp2
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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**Fully Sequenced ORF:**

>RN202885 representing NM\_030869  
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGGATCGCC**

ATGGATATGTTTCTCTCACCTGGATTTTCTTAGCTCTGTACTTTTCGGGACACAAAGTGAAGAAGCCAGC  
 AAGATCCGCCCTGCGGAGGTGCGCTGAATTCCAAGATGCTGGCTATATCACTTCCCGAGGTTACCCCA  
 GGACTATCCCTCTCACCAGAAGTGTGAGTGGGTTGTCTATGCCCCGAACCAACCAAGAAGATTGCCTC  
 AACTTCAACCCTCACTTTGAAATCGAGAAGCATGACTGCAAGTATGACTTCATTGAGATTCGGGATGGAG  
 ACAGTGAGTCAGCTGACCTCCTGGGCAAGCACTGTGGAAACATTGCCCTCCACCATCATCTTCCGG  
 CTCCGTGTATATATCAAGTTCACATCAGACTACGCCCGCAGGGGGCAGGTTTCTCCCTACGCTATGAG  
 ATCTTCAAACAGGCTCTGAAGATTGTTCCAAGAACTTTACAAGCCCAATGGGACCATTGAATCTCCAG  
 GGTTTCCAGAGAAATATCCACACAATCTGGACTGTACCTTACCATCCTGGCCAAACCCAGGATGGAGAT  
 CATCTACAGTTCCTGACCTTTGACCTGGAGCATGACCCTCTACAAGTGGGGGAAGGAGACTGTAATAT  
 GACTGGCTGGACATCTGGGATGGCATTCCACATGTTGGGCTCTGATTGGCAAGTACTGTGGGACGAAAA  
 CACCCTCAAACCTCCGCTCGTCCACAGGATCCTCTCCCTGACCTTTACACCGACATGGCCGTGGCCAA  
 GGATGGCTTCTCAGCACGTTACTATTTGGTCCACCAAGAACCACCTGAGAAGTTTTCAGTGAATGCCCT  
 CTGGGAATGGAGTCTGGCCGGATTGCTAATGAACAGATCAGTGCCTCATCCACCTTCTCTGATGGGAGGT  
 GGACTCCTCAACAGAGCAGGCTCCATGGTGTGACAATGGCTGGACACCAACCTGGATTCCAACAAGGA  
 GTATCTCCAGGTGGACCTGCGCTTCTAACCATGCTCACAGCCATTGCAACACAAGGAGCCATTTCCAGG  
 GAGACCCAGAAGGGCTACTACGTCAAATCGTACAAGCTGGAAGTCAAGCACAACCGGGGAAGATTGGATGG  
 TCTACCGGCATGGCAAAAACACAAGGTTCCAGGCTAACAATGATGCCACCGAGTTGGTCTGAACAA  
 GCTGCACACGCCCGCTGTTGACTCGTTTTCATCAGGATCCGCCCGCAGACGTGGCATTGGGATAGCCCTT  
 CGACTGGAGCTCTTTGGTTCGCCGGTCCACAGATGCACCCTGCTCCAACATGCTGGGAATGCTCTCGGGCC  
 TCATTGCTGATACCCAGATCTCTGCCTCTCCACCCGAGAGTACCTCTGGAGCCCAAGTGTGCCCGCT  
 GGTTAGCAGCCGCTCTGGCTGGTTCCTCGGAACCCTCAAGCCAGCCAGGTGAAGAATGGCTTCAGGTG  
 GATCTTGGGACACCAAGACGGTGAAGGCGTATCATCCAGGGGGCCGAGGAGGAGACAGTATCACTG  
 CCATGGAAGCCAGGGCATTGTACGCAAGTTCAAAGTCTCTACAGCCTAAATGGCAAGGACTGGGAATA  
 TATCCAGGACCCAGGACTCAGCAGCCAAAGCTGTTTGAAGGGAACATGCACTATGACACCCCGACATC  
 CGAAGGTTTCGAGCCAGTCCAGCACAGTACGTGCGGGTATACCCAGAGAGGTGGTACCAGCGGGCATCG  
 GGATGAGGCTGGAGGTCCTGGGCTGTGACTGGACAGACTCAAAGCCACAGTGGAGACGCTGGGACCCAC  
 CGTAAAGAGTGAAGAGACCACCACCCCATATCCCATGGATGAGGATGCCACGGAGTGTGGGGAAAATGC  
 AGCTTTGAGGATGACAAAGATTTGCAACTTCCTTCAGGATTCAACTGCAACTTTGATTTTCTGAAGAGA  
 CCTGTGGTTGGATGTACGACCGTGCCAAGTGGCTGCAGAGTACCTGGATCAGCAGTGCCAACCCTAACGA  
 CAGAACGTTTCCAGATGACAAGAAGTTCCTGAAACTACAGAGCGACGGCGGACGAGAGGGCCAGTTTGGG  
 CGGCTCATCAGCCACCAGTGCACCTGCCCGAAGCCCTGTGTGCATGGAGTCCAATACCAAGCCATGG  
 GCGGCCACGGGTGGCACTGCAGGTGGTTCGGGAAGCCAGACAGGAAAGCAAACCTCTTTGGTTCATCCG  
 CGAGGACCAGGGCAGCGAGTGGAAAGCATGGACGCATTATCCTGCCAGCTATGACATGGAGTATCAGATC  
 GTATTCGAGGGAGTGTGCGGAAAAGGGCGATCCGGAGAGATTTCCATCGACGACATTTCGATAAGCACCG  
 ATGTCCCACTGGAGAAGTGCATGGAACCATCTCGGCTTTTGCAGTGGACATCCAGAAATCCATGGGGG  
 AGAGGGCTATGAAGATGAGATTGATGATGACTATGAAGGAGATTGGAACAACCTTCTCTACTCAGGG  
 GCTGGTAGTCCCTCATCTGGCAAAGAAAAGAGCTGGCTGTACACACTGGACCCCATCTGATCACCATCA  
 TTGCCATGAGCTCGTGGGTGCTCTGCTGGGGCCACCTGTGCGGGCTCTCTCTACTGCACCTGCTC  
 TACTCTGGCCTGAGTTCGAGAAGCTGCACCACACTGGAGAACAACCTTTGAGCTCTACGACGGCCTC  
 AAGCACAAGTCAAGATCAATCACCAGAAGTGTCTCGGAGGCA**TGA**

**ACGCGT**ACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Restriction Sites:**

SgfI-MluI

ACCN:	NM_030869
Insert Size:	2778 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:	<ol style="list-style-type: none"><li>1. Centrifuge at 5,000xg for 5min.</li><li>2. Carefully open the tube and add 100ul of sterile water to dissolve the DNA.</li><li>3. Close the tube and incubate for 10 minutes at room temperature.</li><li>4. Briefly vortex the tube and then do a quick spin (less than 5000xg) to concentrate the liquid at the bottom.</li><li>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.</li></ol>
RefSeq:	<a href="#">NM_030869.3</a> , <a href="#">NP_110496.1</a>
RefSeq Size:	3338 bp
RefSeq ORF:	2778 bp
Locus ID:	81527
UniProt ID:	<a href="#">O35276</a>
Cytogenetics:	9q32
Gene Summary:	an axonal guidance molecule [RGD, Feb 2006]