

Product datasheet for **RN207936**

Nectin2 (NM_001012064) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nectin2 (NM_001012064) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nectin2
Synonyms:	Pvr12
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Cell Selection:	Neomycin



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Fully Sequenced ORF: >RN207936 representing NM_001012064
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCCGGGCCGAGTCTCCCGCTCCAGATTGTCACCGACGCTGCCGTTGTTGCCGCTGCTACTGC
 TCCTGCTTCAGGAAACAGGAGCCCAAGATGTGCGGGTACGAGTGCTCCCTGAGGTTTCGTGGCCGCCTGGG
 AGGCACGGTGGAGTTACCATGCCACCTGCTCCACCCACGACGGAGCGCTCTCTCAGGTGACCTGGCAG
 CGCCTGGATGGCAGATTGTGGCTGCCTTCCACCCATCCTTCGGCGTGGATTTCCCAACTCTCAGTTCA
 ACAAGGACCGTCTGCTTTCGTCCGAGCGAAACAAGAAGCAAACGCGGACCTGCGGGACGCCACGCTGGC
 CTTCCGGGGTCTGAGGGTAGAGGACGAGGGCAATTACACTTGCGAGTTTGCCACGTTTCCCAACGGTACC
 CGCAGGGGAGTGACCTGGCTCAGAGTCATAGCCAGCCGAGGAGAACCATGCTGAGGCCAAGAGGTACAA
 TTGGCCCCAGTCGGTAGCTGTTGCCCGTGTATCTCCACGGGGGCCGCCCCCTGCCGAATCACCTG
 GATCTCATCCCTGGGTGGAGAGGCCAGAGATATTCAGGAGCCCGACTACAGGCTGGCACGGTCACTGTC
 ATCAGTCGATACTCCATGGTGCCGGTGGGCCGAGCGGATGGCGTCAAGGTCACGTGCAGAGTGGAACATG
 AGAGCTTGAAGAGCCCGAGCTGCTGCCCGTGATCCTCTCCGTGCGCTACCCCTCCGAAGTATCCATCTC
 CGGCTATGATGACAACCTGGTACCTAGGCCCGCAGCGAGGCCACACTGACCTGTGAAGTACGAAGCAACCCA
 GAGCCTACAGGCTATGACTGGAGCACGACCTCGGGGGTCTTCCAGCCTCCGAGTGGCCAGGGGCTCTC
 AGCTGCTTGTCCACTCTGTGGATCGAATGGTCAACACTACCTTCATCTGCACAGCCACCAATGCTGTGGG
 GACAGGCCGTGCTGAGCAGGTCATCCTGGTGCGAGAGTCACTAGCACGGCAGGAGCAGGGGCCACGGGA
 GGCATCATTGGAGGCATCATCGCTGCCATCATGCCACCGCAGTGGCTGGCACAGGCATCCTCATCTGCC
 GACAACAGCGGAAGGAGCAGAGGCTTCAGGCGCCGACGAGGAAGAAGAACTGGAAGGACCTCCCTCCTA
 TAAGCCACCCACCCAAAGGCCAAGCTGGAGGAACCAGAAATGCCCTCACAACCTTTCACCTTGGGACCC
 TCGGAACACAGCCAGTGAAGACGCCATACTTTGATGCTGGTGTCTTTGTGCTGATCAGGAGATGCCTC
 GATATCACGAGCTGCCACCCTGGAAGAGCGGTGAGGGCCCTGCTGTTAGGGGCTACAGGCCTGGGACC
 TTCTCTTCTTGTGCCTCCAGGACCCAATGTTGTGGAGGGGGTTCCCTGGGTCTCGAAGATGAGGAGGAA
 GATGAGGAGGAGGAAGATTTCTGGATAAAATCAACCCTATTTATGATGCCCTATCTACCCAGCCCT
 CTGACTCTACCAGAGCAAAGACTTTTTGTGTCACGGCCATGTATGT**GTA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** Sgfl-Mlul
- ACCN:** NM_001012064
- Insert Size:** 1593 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_001012064.1](#), [NP_001012064.1](#)

RefSeq Size: 2681 bp

RefSeq ORF: 1593 bp

Locus ID: 308417

Cytogenetics: 1q21