

Product datasheet for **RR207936**

Nectin2 (NM_001012064) Rat Tagged ORF Clone

Product data:

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



[View online »](#)

ORF Nucleotide Sequence:

>RR207936 representing NM_001012064
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGCCCGGGCCGAGTCTCCCGCTCCAGATTGTACCGACGCTGCCGTTGTTGCCGCTGCTACTGC
 TCCTGCTTCAGGAAACAGGAGCCCAAGATGTGCGGGTACGAGTGCTCCCTGAGGTTTCGTGGCCGCTGGG
 AGGCACGGTGGAGTTACCATGCCACCTGCTCCACCCACGACGGAGCGCTCTCTCAGGTGACCTGGCAG
 CGCCTGGATGGCAGATTGTGGCTGCCTTCCACCCATCCTTCGGCGTGGATTTCCCAACTCTCAGTTCA
 ACAAGGACCGTCTGCTTTCGTCCGAGCGAAACAAGAAGCAAACGCGGACCTGCGGGACGCCACGCTGGC
 CTTCCGGGGTCTGAGGGTAGAGGACGAGGGCAATTACACTTGGGAGTTTGCACGTTTCCCAACGGTACC
 CGCAGGGGAGTGACCTGGCTCAGAGTCATAGCCAGCCGAGAACCATGCTGAGGCCAAGAGGTCACAA
 TTGGCCCCAGTCGGTAGCTGTTGCCCGTGTATCTCCACGGGGGCCGCCCCCTGCCGAATCACCTG
 GATCTCATCCCTGGTGGAGAGGCCAGAGATATTCAGGAGCCCGACTACAGGCTGGCACGGTCACTGTC
 ATCAGTCGATACTCCATGGTGCCGGTGGGCCGAGCGGATGGCGTCAAGGTCACGTGCAGAGTGGAACATG
 AGAGCTTGAAGAGCCCGAGTGTGCCCGTGATCCTCTCCGTGCGCTACCCCTCCCGAAGTATCCATCTC
 CGGCTATGATGACAACTGGTACCTAGGCCCGCAGCGAGGCCACACTGACCTGTGAAGTACGAAGCAACCCA
 GAGCCTACAGGCTATGACTGGAGCACGACCTCGGGGTCTTCCAGCCTCCGAGTGGCCAGGGGCTCTC
 AGCTGCTTGTCCACTCTGTGGATCGAATGGTCAACACTACCTTCACTGTCACAGCCCAATGCTGTGGG
 GACAGGCCGTGCTGAGCAGGTCATCCTGGTGGAGAGTCACTAGCACGGCAGGAGCAGGGGCCACGGGA
 GGCATCATTGGAGGCATCATCGCTGCCATCATGCCACCGCAGTGGCTGGCACAGGCATCCTCATCTGCC
 GACAACAGCGGAAGGAGCAGAGGCTTCAGGCGCCGACGAGGAAGAAGAACTGGAAGGACCTCCCTCCTA
 TAAGCCACCCACCCAAAGGCCAAGCTGGAGGAACAGAAATGCCCTCACAACTTTCACCTTGGGACCC
 TCGGAACACAGCCAGTGAAGACGCCATACTTTGATGCTGGTGTCTTTGTGCTGATCAGGAGATGCCTC
 GATATCACGAGCTGCCACCCTGGAAGAGCGGTGAGGGCCCTGCTGTTAGGGGCTACAGGCCTGGGACC
 TTCTCTTCTTGTGCCTCCAGGACCCAATGTTGTGGAGGGGGTTCCCTGGGTCTCGAAGATGAGGAGGAA
 GATGAGGAGGAGGAAGATTTCTGGATAAAATCAACCCTATTTATGATGCCCTATCTACCCAGCCCT
 CTGACTCTACCAGAGCAAAGACTTTTTTGTGTCACGGGCCATGTATGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR207936 representing NM_001012064
 Red=Cloning site Green=Tags(s)

MARAAVLPPSRLSPTLPLLPLLLLLLQETGAQDVRVRLPEVRGRLGGTVELPCHLLPPTTERVSVQVTWQ
 RLDGTVVAHFHPSFGVDFPNSQFNKDRLSFRVAKQEANADLRDATALAFRGLRVEDEGNYTCEFATFPNGT
 RRGVTLWLRVIAQPENHAEAQEVITIGPQSVAVARCI STGGRPPARITWISSLGGEARDIQEPGLQAGTVTV
 ISRYSMVPVGRADGVKVT CRVEHESLEEPELLPVILSVRYPEVSI SGYDDNWYLGRSEATLTCEVRSNP
 EPTGYDWSSTSGVFPASAVAQGSLLVHSVDRMVNTTF ICTATNAVGTGRAEQVILVRESPTAGAGATG
 GIIGGIIAAIIATAVAGTGILICRQQRKEQLQAADDEEELEGPPSYKPPTPKAKLEEMPSQLFTLGP
 SEHSPVKTPYFDAGVSCADQEMPRYHELPTLEERSGPLLLGATGLGPSLLVPPGPNVVEGVSLGLEDEEE
 DEEEEDFLDKINPIYDALSYSPSPDSYQSKDFFVSRAMYV

TRTRPLEQKLI SEEDLAANDILDYKDDDDKV

Restriction Sites:

Sgfl-MluI

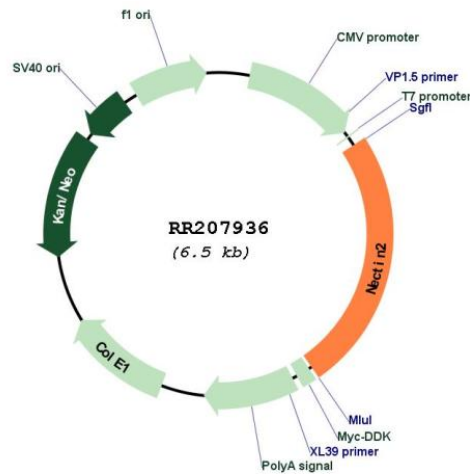
Cloning Scheme:

Cloning sites used for ORF Shutting:



* The last codon before the Stop codon of the ORF

Plasmid Map:



ACCN:	NM_001012064
ORF Size:	1590 bp
OTI Disclaimer:	The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. More info
OTI Annotation:	This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.
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">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
MW:	57.3 kDa