

Product datasheet for **RR203401**

Nectin3 (NM_001105883) Rat Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nectin3 (NM_001105883) Rat Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nectin3
Synonyms:	Pvr13
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RR203401 representing NM_001105883
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**GCGATCGCC**

ATGGCGCGGACCCGGGCGGCCCTGTTGTCTCTGGAGCGGCAAAGCACAACTTTCCTCGGCGTCTC
 CTCCCGCGCCGACTCCTGCTGCCGGCCCGAGCGCCGCGCTGCTGCTGCTCATTCCCTGCT
 TCTCTTCTCCCGCTCTGTGGTGCCTTAGCTGGATCAATTATTGTGGAGCCGCATGTCACAGCAGTGTGG
 GAAAGAATGTGTCTTGAAGTGTAAATTGAAGTGAATGAGACTATCACACAGATCTCATGGGAGAAGA
 TACACGGCAAGAGCACACAGACCCTTGGGTGCATCATCCTCAGTATGGATTCTCTGTTCAGGGAGAGTA
 TCAGGGAAGAATCTTGTAAAACTATCACTTAATGATGCAACAATTACTCTGCATAACATAGGCTTC
 TCAGATTCTGGAAAATACATATGCAAAGCTGTACATCCCACTTGAAAATGCCAGTCTCTACAAGT
 TGACTGTGCTAGTTGAACCCACCGTGAGCCTGATGAAAGGGCCAGACTCTTTAATTGATGGAGGAAATGA
 GACCGTAGCAGCCGTTTGTATAGCGGCCACTGGAAAACAGTTGCACGTATTGACTGGGAAGGGGATCTC
 GCGAAAATGGAATCTACTATAACTCTTTTCCCAATGAAACAGCAACGATTATACGCCAATACAAGCTGT
 TTCCACAAAGATTTGCTAGAGGAAGGCGAATTACTTGTGTGTA AACATCCAGCCTTAGAAAAGGACAT
 TCGATACTCTTTCATACTCGACATCCAGTATGCTCCTGAAGTCTCAGTGACAGGATATGATGGAAATTGG
 TTTGTGGGAAGAAAAGGTGTTAACCTCAAGTGAATGCTGACGCAAACTCCACCCTTCAAGTCTGTGT
 GGAGCAGGTTGGATGGAGAATGGCTGATGGTTTATTGGCGTCAGACAATACTCTTCATTTTGTTCATCC
 ACTGACTTTCAATTATCTGGTGTATGTCTGTAAGTGACAAATCCCTTGGTCAAAGAAGTGATCAA
 AAGGTCTACATTTACAGACATCCCGCTTAAGCAGACCTCATCCATAGCAGTGGCTGGAGCTGTGATTG
 GAGCTGTCTGGCCCTTTCATCATCGCTGCTTTGTGACTGTGTGCTGACACCTCGGAAAAAGAGACC
 ATCCTATCTTGACAAAGTAATCGACCTCCACCTACACATAAGCCACCCCTGTATATGAAGAACGAATT
 CCTTCTCTCCCTCAGAAAAACCGTCTGTTCCAGACTGAACGCTTGCCTTTGCAGACTCAGTTCAAAGAGA
 AAGGAGCTGGTGGTCTTCAGCCCTTAATGGACCAATTAGGAGACTTGACTATGAGGATGAGAACACAGT
 GCAAGAAGATGGGACTCAGCAGATGTGCCCTTTATAACCAGATGTGCCACCAAGACCGAAGCCCTCAC
 CAACATCGCCACGCAACCCCGAGAGACTCTACATCAACCAAGAGAACATTATGTGCAACATCGCCAC
 GCAACCCCGAGAGACTCTACATCAACCAAGAGAACATTATGTG

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Protein Sequence:

>RR203401 representing NM_001105883
 Red=Cloning site Green=Tags(s)

MARTPGPALLCPGGGKAQLSSASPPAAGLLLPAPTPPPLLLLLIPLLLLFSRLCGALAGSIIVEPHVTAVW
 GKNVSLKCLIEVNETITQISWEKIHGKSTQTVAVHHPQYGFVQGEYQGRILFKNYSLNDATITLHNI
 SDSGKYICKAVTFPLGNAQSSTTVTLVEPTVSLMKGPDSLIDGNETVAAVCIAATGKPVARIDWEGDL
 GEMESTITSFPNETATIISQYKLPTRFARGRRITCVVKHPALEKDIRYSFILDIQYAPEVSVTYDGNW
 FVGRKGVNLKCNADANPPPFKSVWSRLDGEWPDGLLASDNTLHFVHPLTFNYSVGVYCKVTNSLGQRSDQ
 KVIYISDIPLKQTSSIAVAGAVIGAVLALFIIAVFVTVLLTPRKKRPSYLDKVIDLPPTHKPPVYEERI
 PSLPQKNRLFQTERLPLQTQFKEKGAGGLQPPNGPIRRLDYEDENTVQEDGTQQMCLYNQMCHQDRSPH
 QHRPRNPERLYINPREHYVQHRPRNPERLYINPREHYV

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/ja1376_h10.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:



ACCN: NM_001105883

ORF Size: 1527 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:
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 Size: 1630 bp

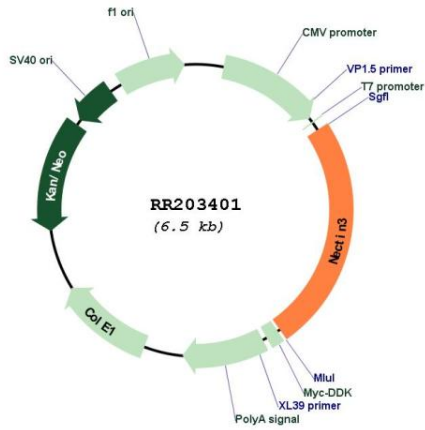
RefSeq ORF: 1530 bp

Locus ID: 288124

Cytogenetics: 11q21

MW: 56 kDa

Product images:



Circular map for RR203401