

## Product datasheet for **RC234248**

### Nectin 3 (NECTIN3) (NM\_001243288) Human Tagged ORF Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Nectin 3 (NECTIN3) (NM_001243288) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	Nectin 3
Synonyms:	CD113; CDW113; NECTIN-3; PPR3; PRR3; PVRL3; PVRR3
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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**ORF Nucleotide Sequence:**

>RC234248 representing NM\_001243288  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGATCGCC**

ATGGCCGAGGGTTGGCGATGGTGTCTCGTGCGCCGAACCTCGGGTTTGTCCGGGACCCTTACTTCTCT  
 GCTCATTCTCTGGGAACCTCGTGCCTTAGCTGGACCAATTATTGTGGAGCCACATGTCACAGCAGTATG  
 GGGAAAGAATGTTTCATTAAGTGTAAATGAAGTAAATGAAACCATAACACAGATTTTCATGGGAGAAG  
 ATACATGGCAAAAGTTCACAGACTGTTGCAGTTCACCATCCCAATATGGATTCTCTGTTCAAGGAGAAT  
 ATCAGGGAAGAGTCTTGTAAAAAATTACTCACTTAATGATGCAACAATTACTCTGCATAACATAGGATT  
 CTCTGATTCTGGAAAATACATCTGCAAAGCTGTTACATCCCGCTTGGAAATGCCAGTCTCTACAAC  
 GTAAGTGTAGTTGAACCCACTGTGAGCCTGATAAAAGGGCCAGATTCCTTAATTGATGGAGGAAATG  
 AAACAGTAGCAGCATTGCATCGCAGCCACTGGAAAACCGTTGCACATATTGACTGGGAAAGGTGATCT  
 TGGTGAATGGAATCCACTACAACCTCTTTCCAAATGAAACGGCAACGATTATCAGCCAGTACAAGCTA  
 TTTCCAACAGATTTGCTAGAGGAAGGCGAATTAATTGTGTTGAAAACATCCAGCCTTGGAAAAGGACA  
 TCCGATACTCTTTCATATTAGACATACAGTATGCTCCTGAAGTTTCGGTAACAGGATATGATGGAATTG  
 GTTTGTAGGAAGAAAAGGTGTTAATCTCAAATGTAATGCTGATGCAAAATCCACCACCTTCAAATCTGTG  
 TGGAGCAGGTTGGATGGACAATGGCCTGATGGTTTATTGGCTCAGACAATACTCTTCAATTTGTCCATC  
 CATTGACTTTCAATTATCTGGTGTATATCTGTAAAGTGACCAATCCCTTGGTCAAAGAAGTGACCA  
 AAAAGTCATCTACATTTAGATGTTCCATTTAAGCAGACCTCTCCATAGCTGTAGCTGGAGCGGTAATT  
 GGAGCTGTTCTTGCCCTTTTCATCATTGCTATCTTTGTGACTGTGCTGCTGACTCCTCGAAAAAAGAC  
 CATCTATCTTGACAAAGTGATTGACCTCCACCACACATAAACACCTCCTCTGTATGAAGAAGGAC  
 CCCACCTTGCCTCAGAAAGACCTATTTACGCTGAACACTTGCCTTTCAGACTCAGTTCAAAGAAAGA  
 GAAGTTGGCAATCTCAGCACTAATGGACTAAATAGCAGGAGTTTGGACTATGAAGATGAGAATCCAG  
 TTGGGGAAGATGGCATTACGAGATGTACCCCTTTACAATCAAATGTGCTACCAAGACCGGAGCCCTGG  
 CAAACATCATCAAATAACGACCCTAAGAGAGTCTACATCGACCCACGAGAACATTATGTG

**ACCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA**

**Protein Sequence:**

>RC234248 representing NM\_001243288  
 Red=Cloning site Green=Tags(s)

MAEGWRWCFVRRTPGLLRGPLLPRFSGNPRLAGPIIVEPHVTAVWGKNVSLKCLIEVNETITQISWEK  
 IHGKSSQTVAVHHPQYGFVQGEYQGRVLFKNYSLNDATITLHNIQFSDSGKYICKAVTFPLGNAQSSTT  
 VTVLVEPTVSLIKGPDSLIDGGNETVAAICIAATGKPVAHIDWEGDLGEMESTTTSFPNETATIIISQYKL  
 FPTRFARGRRITCVVHPALEKDIRYSFILDIIQYAPEVSVTGYDGNWFVGRKGVNLKCNADANPPPFKSV  
 WSRLDGQWPDGLLASDNTLHFVHPLTFNYSYGVYICKVTNSLGQRSDQKVIYISDVPFKQTSIIAVAGAVI  
 GAVLALFIIAIFVTVLLTPRKKRPSYLDKVIDLPPTHKPPPLYEERSPPLPQKDLFQPEHLPLQTQFKER  
 EVGNLQHSNGLNSRFDYEDENPVGEDGIQQMYPLYNQMCYQDRSPGKHHQNDPKRVYIDPREHYV

**TRTRPLEQKLISEEDLAANDILDYKDDDDKV**

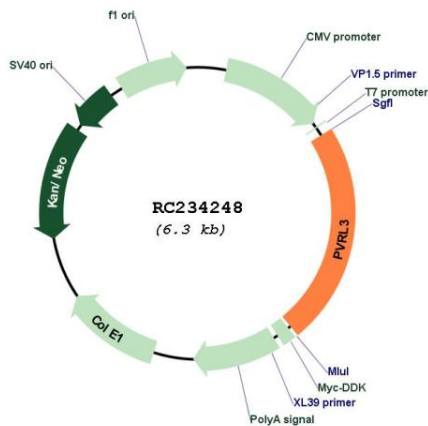
**Restriction Sites:**

Sgfl-MluI



<b>Cytogenetics:</b>	3q13.13
<b>Protein Families:</b>	Druggable Genome, Transmembrane
<b>Protein Pathways:</b>	Adherens junction, Cell adhesion molecules (CAMs)
<b>MW:</b>	54.8 kDa
<b>Gene Summary:</b>	This gene encodes a member of the nectin family of proteins, which function as adhesion molecules at adherens junctions. This family member interacts with other nectin-like proteins and with afadin, a filamentous actin-binding protein involved in the regulation of directional motility, cell proliferation and survival. This gene plays a role in ocular development involving the ciliary body. Mutations in this gene are believed to result in congenital ocular defects. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Aug 2011]

**Product images:**



Circular map for RC234248