

Product datasheet for **SC331989**

Nectin 3 (NECTIN3) (NM_001243288) Human Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nectin 3 (NECTIN3) (NM_001243288) Human Untagged Clone
Tag: Tag Free
Symbol: Nectin 3
Synonyms: CD113; CDW113; NECTIN-3; PPR3; PRR3; PVRL3; PVRR3
Vector: pCMV6-Entry (PS100001)
Fully Sequenced ORF: >SC331989 representing NM_001243288.
 Blue=Insert sequence Red=Cloning site Green=Tag(s)

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ATGGCCGAGGGTTGGCGATGGTGCCTTCGTGCGCCGAACCTCGGGTTTGCTCCGGGGACCGTTACTTCCT
CGCTCATTCTCTGGGAACCCCTCGTGCCTTAGCTGGACCAATTATTGTGGAGCCACATGTCACAGCAGTA
TGGGAAAGAATGTTTCATTAAGTGTTAATTGAAGTAAATGAAACCATAACACAGATTCATGGGAG
AAGATACATGGCAAAGTTCACAGACTGTTGCAGTTCACCATCCCAATATGGATTCTCTGTTCAAGGA
GAATATCAGGGAAGAGTCTTGTAAAAAATTACTCACTTAATGATGCAACAATTACTCTGCATAACATA
GGATTCTCTGATTCTGGAAAATACATCTGCAAAGCTGTTACATCCCGCTTGAAATGCCAGTCCCTCT
ACAACTGTAAGTGTGTTAGTTGAACCCACTGTGAGCCTGATAAAAGGGCCAGATTCTTTAATTGATGGA
GGAAATGAAACAGTAGCAGCCATTTGCATCGCAGCCACTGGAAAACCCGTTGCACATATTGACTGGGAA
GGTGATCTTGGTGAATGGAATCCACTACAACCTCTTTTCCAAATGAAACGGCAACGATTATCAGCCAG
TACAAGCTATTTCCAACAGATTGCTAGAGGAAGGCGAATTACTTGTGTTGTAACATCCAGCCTTG
GAAAAGGACATCCGATACTTTTCATATTAGACATACAGTATGCTCCTGAAGTTTCGGTAACAGGATAT
GATGGAATGGTTTGTAGGAAGAAAAGGTGTTAATCTCAAATGTAATGCTGATGCAAATCCACCACC
TTCAAATCTGTGTGGAGCAGGTTGGATGGACAATGGCCTGATGGTTTATTGGCTTCAGACAATACTCTT
CATTTTGTCCATCCATTGACTTTCAATTATTCTGGTGTATATCTGTAAGTGACCAATCCCTTGGT
CAAAGAAGTGACCAAAAAGTCATCTACATTTTCAGATGTTCCATTTAAGCAGACCTTCCATAGCTGTA
GCTGGAGCGGTAATTGGAGCTGTTCTTGCCTTTTCATCATTGCTATCTTTGTGACTGTGCTGCTGACT
CCTCGAAAAAAAAGACCATCCTATCTTGACAAAGTGATTGACCTTCCACCACACATAAACCACCTCCT
CTGTATGAAGAACGATCCCCACCTTTCCTCAGAAAGACCTATTTTCAGCCTGAACACTTGCCTTTCAG
ACTCAGTTCAAAGAAAGAGAAGTTGGCAATCTTCAGCACTCTAATGGACTAAATAGCAGGAGTTTGGAC
TATGAAGATGAGAATCCAGTTGGGAAGATGGCATTTCAGCAGATGTACCCCTTTACAATCAAATGTGC
TACCAAGACCGGAGCCCTGGCAAACATCATCAAATAACGACCCTAAGAGAGTCTACATCGACCCACGA
GAACATTATGTGTA
  
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Restriction Sites: Sgfl-Mlul
ACCN: NM_001243288
Insert Size: 1464 bp



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| 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">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_001243288.1 |
| RefSeq Size: | 2522 bp |
| RefSeq ORF: | 1464 bp |
| Locus ID: | 25945 |
| UniProt ID: | Q9NQS3 |
| Cytogenetics: | 3q13.13 |
| Protein Families: | Druggable Genome, Transmembrane |
| Protein Pathways: | Adherens junction, Cell adhesion molecules (CAMs) |
| MW: | 54.4 kDa |
| Gene Summary: | <p>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]</p> <p>Transcript Variant: This variant (3) differs in the 5' UTR and 5' coding region, uses a distinct start codon, and has alternate exon structure in the 3' coding region and 3' UTR, compared to variant 1. The encoded isoform (3) has distinct N- and C-termini and is shorter than isoform 1.</p> <p>Sequence Note: This RefSeq record was created from transcript and genomic sequence data to make the sequence consistent with the reference genome assembly. The genomic coordinates used for the transcript record were based on transcript alignments.</p> |