

Product datasheet for **SC331988**

Nectin 3 (NECTIN3) (NM_001243286) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nectin 3 (NECTIN3) (NM_001243286) 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:	>SC331988 representing NM_001243286. Blue=Insert sequence Red=Cloning site Green=Tag(s)

```

ATGGCGCGGACCCTGCGGCCGTCCCGCTGTGTCTGGAGGCGGCAAAGCACAACTTTCCTCCGCTTCT
CTCCTCGGAGCCGGGCTCCTGCTGCAGCCCCGACGCCACCTCCGCTGCTGCTGCTCTTCCCGCTG
CTGCTCTTCTCCAGGCTCTGTGGTGCCTTAGCTGGACCAATTATTGTGGAGCCACATGTCACAGCAGTA
TGGGGAAAGAATGTTTCATTAAGTGTAAATTGAAGTAAATGAAACCATAACACAGATTCATGGGAG
AAGATACATGGCAAAGTTCACAGACTGTTGCAGTTCACCATCCCCAATATGGATTCTCTGTTCAAGGA
GAATATCAGGGAAGAGTCTTGTAAAAAATACTCACTTAATGATGCAACAATTACTCTGCATAACATA
GGATTCTCTGATTCTGGAAAATACATCTGCAAAGCTGTTACATCCCGCTTGGAAATGCCAGTCCCTCT
ACAACTGTAAGTGTGTTAGTTGAACCCACTGTGAGCCTGATAAAAGGGCCAGATTCTTAAATTGATGGA
GGAAATGAAACAGTAGCAGCCATTTGCATCGCAGCCACTGGAAAACCCGTTGCACATATTGACTGGGAA
GGTGATCTTGGTGAATGGAATCCACTACAACCTCTTTTCCAAATGAAACGGCAACGATTATCAGCCAG
TACAAGCTATTTCCAACCAGATTTGCTAGAGGAAGGCGAATTACTTGTGTGTAACATCCAGCCTTG
GAAAAGGACATCCGATACTTTTCATATTAGACATACAGTATGCTCCTGAAGTTTCGGTAACAGGATAT
GATGGAATTTGGTTGTAGGAAGAAAAGGTGTTAATCTCAAATGTAATGCTGATGCAAATCCACCACCC
TTCAAATCTGTGTGGAGCAGTTGGATGGACAATGGCCTGATGGTTTATTGGCTTCAGACAATACTCTT
CATTTTGTCCATCCATTGACTTTCAATTATTCTGGTGTATATCTGTAAGTGACCAATCCCTTGGT
CAAAGAAGTGACCAAAAAGTCATCTACATTTAGCCTACAATTCAGTGGCATCCCTCAACTGCTGA
  
```

Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001243286
Insert Size:	1101 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).



[View online »](#)

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_001243286.1
RefSeq Size:	5239 bp
RefSeq ORF:	1101 bp
Locus ID:	25945
UniProt ID:	Q9NQS3
Cytogenetics:	3q13.13
Protein Families:	Druggable Genome, Transmembrane
Protein Pathways:	Adherens junction, Cell adhesion molecules (CAMs)
MW:	39.7 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 (2) uses an alternate splice site that results in a frameshift in the 3' coding region, compared to variant 1. The encoded isoform (2) has a distinct and shorter C-terminus, compared to isoform 1. 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>