

Product datasheet for **SC318146**

Nexilin (NEXN) (NM_144573) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nexilin (NEXN) (NM_144573) Human Untagged Clone
Tag:	Tag Free
Symbol:	Nexilin
Synonyms:	CMH20; NELIN
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)



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Fully Sequenced ORF: >NCBI ORF sequence for NM_144573, the custom clone sequence may differ by one or more nucleotides

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ATGAATGATATTTCCAAAAGGCTGAGATTCTGCTTTCTTCATCTAACCTGTCCAAAAACCTATGTAC
CAAACTTGGCAAGGGTATGTAAGGATAAGTTTGAAGCCATGCAGAGAGCCAGGAAGAAAGAAATCA
AAGGAGATCTAGAGACGAAAAACAAGAAGAAAAGAACAATATATTAGAGAGAGAGAAATGGAACAGGAGA
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ATGTTCCAAAATTAACAGGAAGTGAAGGGTAGATTTGCTGAAATGGAGAAAACAAAGACAGAGGAACA
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AGATATGAAGAACAACGACCATCTCTCAAGGAAGCAAAGTGTCTTTCATTAGTTATGGATGATGAAATAG
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TTTGAAGAAGCAAGGCGCAAAATGGTAAATGAAGATGAGGAAAACCAAGACACAGCAAAAAATTTTAAAG
GGTACCGCCCTGGTAAACTCAAACCTCAGTTTTGAGAAAATGAAAAGGCAAAAGAAGAGAAGATGAAAAAG
GAAAGCAGAAGAAGAAGCCAGAAGGAGAATAGAGGAAGAAAAGAAAGGCGTTTGTGAAAGCAAGGAGAAAT
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GAGGAAGATGATGTTGATGTTAGGCCTGCAAGAAAAGCGAGGCTCCATTTACTCACAAGTGAATATGA
AAGCTAGATTTGAACAAATGGCTAAGGCAAGAGAAGAAGAACAAGAAAGAAATGAAGAACAAGAAAGTT
ACTACGCATGCAGTTTGAACAAAGGAAATTTGATGCAGCACTACAAAAGAAAAGAGAAGAGGAGGAGGAG
GAAGAAGGTAGCATCATGAATGGCTCCACTGCTGAAGATGAAGAGCAAACCAGATCAGGAGCTCCATGGT
TCAAGAAGCCTCTAAAAACACATCAGTTGTAGACAGTGAGCCAGTCAGATTTACGTTAAAGTAAACAGG
AGAACCCAAACCAGAAATACATGGTGGTTTGAAGGAGAAATACTGCAGGATGGAGAAGACTATCAATAT
ATTGAAAGGGGAGAACTTACTGCCTTTACTTACCAGAACTTTCCAGAAAGATGGAGGAGAGTATATGT
GTAAGCAGTCAACAATAAAGGATCTGCAGCTAGTACCTGTATTCTTACCATTGAAAGTAAAGAAATTA
    
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- Restriction Sites:** Please inquire
- ACCN:** NM_144573
- Insert Size:** 2000 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).
- OTI Annotation:** The ORF of this clone has been fully sequenced and found to be a perfect match to NM_144573.
- 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:	<u>NM_144573.3, NP_653174.3</u>
RefSeq Size:	3405 bp
RefSeq ORF:	2028 bp
Locus ID:	91624
UniProt ID:	<u>Q0ZGT2</u>
Cytogenetics:	1p31.1
Protein Families:	Druggable Genome
Gene Summary:	<p>This gene encodes a filamentous actin-binding protein that may function in cell adhesion and migration. Mutations in this gene have been associated with dilated cardiomyopathy, also known as CMD1CC. Alternatively spliced transcript variants have been described.[provided by RefSeq, Feb 2010]</p> <p>Transcript Variant: This variant (1) represents the longer transcript and encodes the longer isoform (1).</p>