

Product datasheet for **SC100141**

NUDCD2 (NM_145266) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NUDCD2 (NM_145266) Human Untagged Clone
Tag:	Tag Free
Symbol:	NUDCD2
Synonyms:	NudCL2
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>OriGene ORF within SC100141 sequence for NM_145266 edited (data generated by NextGen Sequencing)

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ATGTCGGCCCCGTTTGAGGAGCGGAGTGGGGTGGTACCGTGCGGGACCCCGTGGGGCCAG
TGGTACCAGACCTTGGAGGAGGTGTTTCATTGAAGTTCAGGTGCCGCCAGGCACGCGCGCC
CAGGATATCCAGTGCGGCCTCCAGAGCCGGCATGTGGCGTGTCCGGTGGGCGGCCGCGAG
ATCCTCAAGGGCAAACCTTTGATTCTACAATAGCTGATGAGGGAACATGGACTTTGGAG
GACAGAAAAATGGTTCGTATTGTTCTTACAAAGACAAAGAGAGATGCAGCAAATTGTTGG
ACTTCTACTAGAACTGAATATGCAGCGGATCCTTGGGTGCAAGACCAAATGCAGAGA
AAGCTTACATTAGAGAGATTCCAAAAAGAAAATCCTGGTTTTGACTTCAGTGGAGCAGAA
ATCTCAGGAAACTACACTAAAGGTGGACCAGATTTCTCAAACCTTGAGAAATAA
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Clone variation with respect to NM_145266.4



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5' Read Nucleotide Sequence:	>OriGene 5' read for NM_145266 unedited NNGGGTGTTCACCTTTTGTATACGACTCATATAGGCGGCCGCGNAATTCGCACGAGGCTGG TGCGGCCCGCGCCCGGGAGGACTGGATTATGTCGGCCCGTTTGAGGAGCGGAGTGGGGT GGTACCGTGCAGGACCCCGTGGGGCCAGTGGTACCAGACCTTGGAGGAGGTGTTTATTGA AGTTACAGTGCAGCCAGGCACGCGGCCAGGATATCCAGTGCAGGCTCCAGAGCCGGCA TGTGGCGCTGTCGGTGGGCGGCCGAGATCCTCAAGGGCAAACCTTTTGATTCTACAAT AGCTGATGAGGGAACATGGACTTTGGAGGACAGAAAAATGGTTCGTATTGTTCTTACAAA GACAAAGAGAGATGCAGCAAATTTGGACTTCTCTACTAGAATCTGAATATGCAGCGGA TCCTTGGGTGCAAGACCAAATGCAGAGAAAAGCTTACATTAGAGAGATTCCAAAAAGAAAA TCCTGGTTTTGACTTCAGTGGAGCAGAAATCTCAGGAACTACACTAAAGGTGGACCAGA TTTCTCAAACCTTGAGAAATAACTGCTTTTTTCTGCATTCTGTGGATCCTAGCAGATA TTGCCAATTAATCAGATAAACAGATTATGTAATGGAAGAAAAATGCGGATGCCTACAGT TAACAGATTGCAAATGTATCTTAAAATGGTTCTAAAAATGCATTCAAACATAATTTAC ATAGGAANNATGTACTGTGGAACTATTCTATGGATATATGGTAAAAGTTGNTNTGGGA CTTGTTTTGCTCAGCATGAAAGTTTATATGCTGCATTTTACTAATTNCATATTTAACCA TATTTTTATACANAAGACTTTAAGTNTAGATCATGTAATGGAAGGGGCTTTGGGGAAA ATTACTGNTTCTTTGATAAGAATGATT
Restriction Sites:	NotI-NotI
ACCN:	NM_145266
Insert Size:	2500 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).
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_145266.4 , NP_660309.1
RefSeq Size:	977 bp
RefSeq ORF:	474 bp
Locus ID:	134492
UniProt ID:	Q8WVJ2
Cytogenetics:	5q34
Domains:	Nuclear_move

Gene Summary: May regulate the LIS1/dynein pathway by stabilizing LIS1 with Hsp90 chaperone.
[UniProtKB/Swiss-Prot Function]
Transcript Variant: This variant (1) encodes the longer isoform (1).