

Product datasheet for **SC112643**

NUDCD3 (NM_015332) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NUDCD3 (NM_015332) Human Untagged Clone
Tag:	Tag Free
Symbol:	NUDCD3
Synonyms:	NudCL
Mammalian Cell Selection:	None
Vector:	<u>pCMV6-XL5</u>
E. coli Selection:	Ampicillin (100 ug/mL)
Fully Sequenced ORF:	>NCBI ORF sequence for NM_015332, the custom clone sequence may differ by one or more nucleotides

ATGGAGACAGGGGCGGCCGAGCTGTATGACCAGGCCCTTTGGGCATCCTGCAGCACGTGGGCAACGTCC
 AGGATTTCTGCGGTTCTCTTTGGCTTCTCTACCGAAGACAGACTTCTATCGTTGCTGCGCCACCC
 ATCGGACCGCATGGGCTTCCCGCCGGGGCCGCGCAGGCCTTGGTGCTGCAGGTATTCAAAACCTTTGAC
 CACATGGCCCGTCAGGATGATGAGAAGAGAAGGCAGGAAGTTGAAGAGAAAATCAGAAGAAAGGAAGAGG
 AAGAGGCCAAGACTGTGTGCTGCTGCAGCTGAGAAGGAGCCAGTCCCAGTTCCAGTCCAGGAAATAGA
 GATTGACTCCACCACAGAATTGGATGGGCATCAGGAAGTAGAGAAAGTGCAGCCTCCAGGCCCTGTGAAG
 GAAATGGCCCATGGTTCACAGGAGGCAGAAGCTCCAGGAGCAGTTGCTGGTGCTGCTGAAGTCCCTAGGG
 AACCACCAATTCTTCCAGGATTCAGGAGCAGTTCCAGAAAAATCCCAGAGTTACAATGGTGCTGTCCG
 AGAGAACTACACCTGGTCACAGGACTATACTGACCTGGAGGTGAGGTGCCAGTACCCAAGCACGTGGTG
 AAGGGAAGCAGGTCTCAGTGGCCCTTAGCAGCAGCTCCATTCTGTGGCCATGCTGGAGGAAAAATGGGG
 AGCGCGTCCTCATGGAAGGGAAGCTCACCCACAAGATCAACACTGAGAGTTCTCTCTGGAGTCTCGAGCC
 CGGGAAGTGCGTTTTGGTGAACCTGAGCAAGGTGGGCGAGTATTGGTGGAACGCCATCCTGGAGGGAGAA
 GAGCCATCGACATTGACAAGATCAACAAGGAGCGCTCCATGGCCACCGTGGATGAGGAGGAACAGGCGG
 TGTTGGACAGGCTTACCTTTGACTACCACAGAAGCTGCAGGGCAAGCCACAGAGCCATGAGCTGAAAGT
 CCATGAGATGCTGAAGAAGGGGTGGGATGCTGAAGTTCTCCCTCCGAGGCCAGCGATTGACCCCTGCC
 ATGTTCAACATCTCCCGGGGGTGTGCAGTTTTAA


[View online »](#)

5' Read Nucleotide Sequence:

>OriGene 5' read for NM_015332 unedited
 GTCACGATTTGTATACGACTCATATAGGCGGCCGCGNAATCGGCACGAGGGTGAAGCGTA
 CCTAGGGCGGGAGGCGACATGGAGCCAGGGCGGCCGAGCTGTATGACCAGGCCCTTTTG
 GGCATCCTGCAGCACGTGGGCAACGTCCAGGATTTCTGCGCGTTCTCTTTGGCTTCCTC
 TACCGCAAGACAGACTTCTATCGCTTGTGCGCCACCCATCGGACCGCATGGGCTTCCCG
 CCCGGGGCCGCGCAGGCCTTGGTGTGTCAGGTATTCAAACCTTTGACCACATGGCCCGT
 CAGGATGATGAGAAGAGAAGGCAGGAACCTGAAGAGAAAATCAGAAGAAAGGAAGAGGAA
 GAGGCCAAGACTGTGTCACTGCTGTCAGCTGAGAAGGAGCCAGTCCCAGTTCCAGTCCAG
 GAAATAGAGATTGACTCCACCACAGAATTGGATGGGCATCAGGAAGTAGAGAAAGTGCAG
 CCTCCAGGCCCTGTGAAGGAAATGGCCCATGGTTCACAGGAGGCAGAAGCTCCAGGAGCA
 GTTGTGGTGTGCTGAAGTCCCTAGGGAACCAATCTTCCAGGATTCAGGAGCAG
 TTCCAGAAAAATCCCGACAGTTACAATGGTGTGTCGAGAGCACTACACCTGGTACAG
 GACTATACTGACCTGGAGGTGAGGTGCCAGTACCCAAGCACGTGGTGAAGGGCAAGCAG
 GTCTCAGTGGCCCTTAGCAGCAGCTCCATTCTGTGGCCATGCCTGACGACACAGGGGAG
 TCGCTCCTCATGGNANGGAGCTCACCCACAGAATCACACTGAGAGATCTCTTTGGAGTC
 TCGAGCCCGGNAAGTGCCTTTTGGTGCACCTGAGCANGGTGGCGAGTATTGTTGGAACGC
 ATCCTGCAGGNAGA

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_015332 unedited
 TTAGCTTTGGACCCGCGGCCGCAATCTAGGATCGAGTTTTTTTTTTTTTTTTTTGCTTAA
 ATACCAATTTATTGCAACCAACACCAAGGGAGCTGGAATAGCTTTGCAGGCTGGACACC
 TCACTCTCCTCGGGCCCTGGACAAGGGAAATGAGTCACCCCGCTTCTCGGACCTCAGC
 TGGTGGGACTTAGTGGCTGGCCAACTGCGGCTGTTGTGTCTAAAAAGAGAAAACAGGCA
 GGGTGTGCCAGCTCTGGAGACTGGGCCAGTCCAGGGTGGTGGCTCAGGGCAGAGAATCAC
 CCACCAGACAGCGTGGCTCAACGGGAGCAAGGCGCGCAGGGACAGGCTCCACAACACAC
 CAAGCACCGCAGTGTGGCACCAGGACAGATGCAAGTGGCTGTTCTGCCATGGGGCCAA
 TACCCAATACTATCCCTCAGTCATTCTTCTAGATATTGGTTTGTGTTTATTAAGCAG
 GGCAGGGAGTGGGGAGAAATGCAACACAGAATATAAAATCAGGCAAAACAACTAGTC
 ACCATGGAAGTGAATGACTCTCAAAGTCTCCCAAATAACAAGGTGTAGGGCATCTCACAC
 CACTGCATCACTTCTGGAAGACTACCCACAGGGTGGGGGCTGCAATGGGGGCCAACTCGG
 GAACTATAGAGAAGAGAGGAGACACACACCAAGACCTCCTTTTATTANGCANGAAAGC
 TCTTGTGGGACAGTGGTGTGCAATCCTANGACCTCCATGGGAAGAACTNCAGGAAAAAA
 AAGGACCAAGTCTTTCTCAAGACCCCTCATAGATGACAAGAATTCTGCTCCCAAGGTCGA
 GATCTCTTTAAAGGGCCTTACCANCTCAGTGGCAATATCAGACAACAGACTCTCACTTCC
 AAAGGGGTATCTAGGGCCTTTGCTCTGTGATGACCGAGCACATGTTGGC

Restriction Sites:

NotI-NotI

ACCN:

NM_015332

Insert Size:

3860 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:	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_015332.2, NP_056147.1</u>
RefSeq Size:	4932 bp
RefSeq ORF:	4932 bp
Locus ID:	23386
UniProt ID:	<u>Q8IVD9</u>
Cytogenetics:	7p13
Domains:	Nuclear_move
Gene Summary:	The product of this gene functions to maintain the stability of dynein intermediate chain. Depletion of this gene product results in aggregation and degradation of dynein intermediate chain, mislocalization of the dynein complex from kinetochores, spindle microtubules, and spindle poles, and loss of gamma-tubulin from spindle poles. The protein localizes to the Golgi apparatus during interphase, and levels of the protein increase after the G1/S transition. [provided by RefSeq, Jul 2008]