

Product datasheet for SC317579

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:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>SC317579 representing NM_015332. Blue=Insert sequence Red=Cloning site Green=Tag(s)

GCTCGTTTGTAGTAACCGTCAGAATTTTGTAAACGACTCACTATAGGGCGGCCGGAATTCGTCGACTG
GATCCGGTACCGAGGAGATCTGCCGCCGCGATCGCC
ATGGAGACAGGGCGGCCGAGCTGTATGACCAGGCCCTTTGGGCATCCTGCAGCACGTGGGCAACGTC
CAGGATTTCTGCGCTTCTCTTTGGCTTCTCTACCGCAAGACAGACTTCTATCGCTTGCTGCGCCAC
CCATCGGACCGCATGGGCTTCCCGCCGGGGCCGCGCAGGCCCTTGGTGCTGCAGGTATTCAAACCTTT
GACCACATGGCCCGTCAGGATGATGAGAAGAGAAGGCAGGAACCTGAAGAGAAAATCAGAAGAAAGGAA
GAGGAAGAGGCCAAGACTGTGTAGCTGCTGCAGCTGAGAAGGAGCCAGTCCAGTTCCAGTCCAGGAA
ATAGAGATTGACTCCACCACAGAATTGGATGGGCATCAGGAAGTAGAGAAAGTGCAGCCTCCAGGCCCT
GTGAAGGAAATGGCCCATGGTTACAGGAGGCAGAAAGCTCCAGGAGCAGTTGCTGGTGCTGCTGAAGTC
CCTAGGGAACCAATTCCTCCAGGATTCAGGAGCAGTTCCAGAAAAATCCCGACAGTTACAATGGT
GCTGTCCGAGAGAACTACACCTGGTCACAGGACTATACTGACCTGGAGGTGAGGGTGCCAGTACCCAAG
CACGTGGTGAAGGGAAAGCAGGTCTCAGTGGCCCTTAGCAGCAGCTCCATTCGTGTGGCCATGCTGGAG
GAAAATGGGGAGCGCTCCTCATGGAAGGGAAGCTCACCAAGATCAACACTGAGAGTTCTCTCTGG
AGTCTCGAGCCCGGAAGTGCCTTTGGTGAACCTGAGCAAGGTGGGCGAGTATTGGTGAACGCCATC
CTGGAGGGAGAAGAGCCCATCGACATTGACAAGATCAACAAGGAGCGCTCCATGGCCACCGTGGATGAG
GAGGAACAGGCGGTGTTGGACAGGCTTACCTTTGACTACCACCAGAAGCTGCAGGGCAAGCCACAGAGC
CATGAGCTGAAAAGTCCATGAGATGCTGAAGAAGGGTGGGATGCTGAAGGTTCTCCCTCCGAGGCCAG
CGATTCGACCCTGCCATGTTCAACATCTCCCGGGGGCTGTGCAGTTTAA
ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGAT
TACAAGGATGACGACGATAAGGTTTAAACGGCCGCGC

Restriction Sites:	SgfI-MluI
ACCN:	NM_015332



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Insert Size:	1086 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:	This TrueClone is provided through our Custom Cloning Process that includes sub-cloning into OriGene's pCMV6 vector and full sequencing to provide a non-variant match to the expected reference without frameshifts, and is delivered as lyophilized plasmid DNA.
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_015332.3</u>
RefSeq Size:	4932 bp
RefSeq ORF:	1086 bp
Locus ID:	23386
UniProt ID:	<u>Q8IVD9</u>
Cytogenetics:	7p13
Domains:	Nuclear_move
MW:	40.8 kDa
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]