

Product datasheet for **RN210618**

Nudcd2 (NM_001009621) Rat Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Nudcd2 (NM_001009621) Rat Untagged Clone
Tag: Tag Free
Symbol: Nudcd2
Synonyms: RGD1307203
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >RN210618 representing NM_001009621
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGTCTGCCCCGTTTGAGGAGCGCAGCGGGGTAGTTCCTGCGCGACTCCGTGGGGACAGTGGTACCAGA
CCCTGGAGGAGGTGTTTATTGAAGTCCAGGTGCCCGGGCACTCGCGCGCAGGACATCCAGTGTGGCCT
GCAGAGTCGGCAGTGGCTCTGGCCGTGGGTGGCCGCGAGATCCTCAAGGGGAAATTGTTTGACTCTACA
ATTGCTGATGAAGGAACATGGACTTTGGAGGATAGAAAGATGGTCCGCATCGTCCTGACAAAAACCAAGA
GAGATGCTGCAAACCTGTTGGACTTCCCTTCTAGAATCTGAATATGCAGCCGACCCCTGGGTGCAAGACCA
AATGCAGAGGAACTTACGTTAGAGCGATTCCAGAAAGAGAATCCTGGGTTTGACTTTAGTGGAGCAGAA
ATCTCAGGGAACACAAAAAGGTGGACCAGATTTCTCAAACCTTGAGAA**TGA**

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001009621

Insert Size: 474 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).



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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_001009621.2</u> , <u>NP_001009621.1</u>
RefSeq Size:	1569 bp
RefSeq ORF:	474 bp
Locus ID:	287199
UniProt ID:	<u>Q5M823</u>
Cytogenetics:	10q12
Gene Summary:	May regulate the LIS1/dynein pathway by stabilizing LIS1 with Hsp90 chaperone. [UniProtKB/Swiss-Prot Function]