

Product datasheet for **RC225950**

NUDCD1 (NM_001128211) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NUDCD1 (NM_001128211) Human Tagged ORF Clone
Tag:	Myc-DDK
Symbol:	NUDCD1
Synonyms:	CML66; OVA66
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RC225950 representing NM_001128211
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGC**C

ATGCTTTATCTCCAGGGTTGGAGCATGCCTGCTGTGGCAGAGGTAAACTTCGAGATGATCAATATACAC
 TGGAACACATGCATGCTTTTGGAAATGTATAATTACCTGCACTGTGATTCATGGTATCAAGACAGTGTCTA
 CTATATTGATACCCTTGGAAGAATTATGAATTTAACAGTAATGCTGGACACTGCCTTAGGAAAAACACGA
 GAGGTGTTTCGACTTCTACAGATTTGACAGCATGTGACAACCGTCTTTGTGCATCTATCCATTTCTCAT
 CTTCTACCTGGGTACCTTGTGAGATGGAAGATTGTATGTCATTGGAACAGGTGAACGTGGAAA
 TAGCGCTTCTGAAAAATGGGAGATTATGTTAATGAAGAACTGGGGATCCTTTTATTATAATTCACAGT
 ATCTCACTGCTAAATGCTGAAGAACATTCTATAGCTACCTACTTCTCGAATAGAGAAAGAGGAATTGG
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 GCAGTACATGGATAATTAAGAGAGTAATAGCTTGGAGATTTCTTGATTAAGAAGAAATGAAGGACTGAC
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ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
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Protein Sequence:

>RC225950 representing NM_001128211
 Red=Cloning site Green=Tags(s)

MLYLQGWSPPAVAEVKLRDDQYLEHMHAFGMNYLHCDSWYQDSVYYIDTLGRIMNLTVMMLDTALGKPR
 EVFRLPTDLTACDNRLCASIHFSSSTWVTLSDGTGRLYVIGTGERGNSASEKWEIMFNEELGDPFIIHS
 ISLLNAEEHSIATLLRLIEKEELDMKSGFYVSLEWVTISKKNQDNKKYEIIKRDILRGKSVPHYAAIEP
 DGNGLMIVSYKSLTFVQAGQDLEENMDEISEKIKEPLYYWQQTEDDLTVTIRLPEDSTKEDIQIQFLPD
 HINIVLKDHFLEGLYSSIDHESSTWIIKESNSLEISLIKNEGLTWPELVIGDKQGELIRDSAQCAAI
 AERLMHLTSEELNPNPDKEKPPCNAQELEECDIFFEESSSLCRFDGNTLKTTHVVNLGSNQYLF SVIVDP
 KEMPCFCLRHDVDALLWQPHSSKQDDMWEHIATFNALGYVQASKRDKKFFACAPNYSYAALCECLRRVFI
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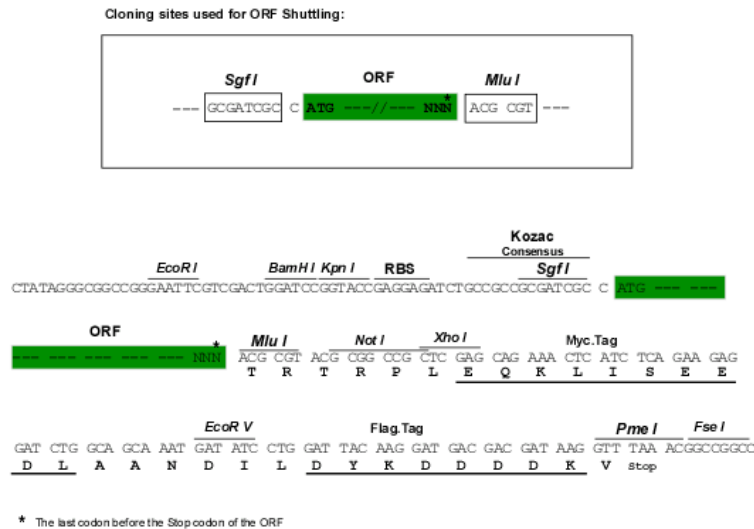
TRTRPLEQKLISEEDLAANDILDYKDDDDKV

Chromatograms:

https://cdn.origene.com/chromatograms/mk8034_c10.zip

Restriction Sites:

SgfI-MluI

Cloning Scheme:


ACCN: NM_001128211

ORF Size: 1662 bp

OTI Disclaimer: The molecular sequence of this clone aligns with the gene accession number as a point of reference only. However, individual transcript sequences of the same gene can differ through naturally occurring variations (e.g. polymorphisms), each with its own valid existence. This clone is substantially in agreement with the reference, but a complete review of all prevailing variants is recommended prior to use. [More info](#)

OTI Annotation: This clone was engineered to express the complete ORF with an expression tag. Expression varies depending on the nature of the gene.

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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [NM_001128211.1](#), [NP_001121683.1](#)

RefSeq ORF: 1665 bp

Locus ID: 84955

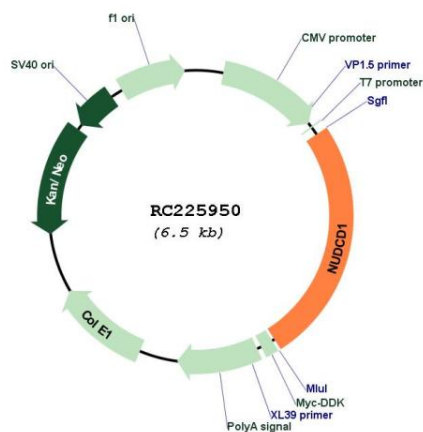
UniProt ID: [Q96RS6](#)

Cytogenetics: 8q23.1

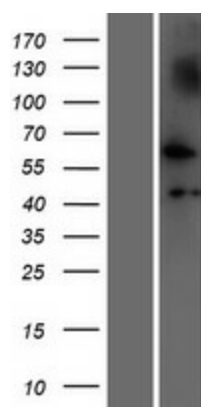
Protein Families: Druggable Genome

MW: 63.3 kDa

Product images:



Circular map for RC225950



Western blot validation of overexpression lysate (Cat# [LY426925]) using anti-DDK antibody (Cat# [TA50011-100]). Left: Cell lysates from untransfected HEK293T cells; Right: Cell lysates from HEK293T cells transfected with RC225950 using transfection reagent MegaTran 2.0 (Cat# [TT210002]).