

Product datasheet for **MC202949**

Ndc1 (NM_028355) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Ndc1 (NM_028355) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Ndc1
Synonyms:	2810475A17Rik; AI450313; sks; Tmem48
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

Fully Sequenced ORF: >BC021337 sequence for NM_028355
 CCACGCGTCCGGGCGGACACTCTGTCCCGGCACGCTTGAGAGCGGGGGCCGCATCTCCATGGCCACGG
 CTGCGAGCGGGCCCTGCGCCGGCGGGTCCGCGCGGACATCCTTTGGCGGTTTTGGGTTGGAGGATAGT
 TACCAGCATCGTTTTGGTCAAGTAGTCTTACCCGCTGCATCACAGCCTTTATAGTCTTAAGCAGCATC
 AATTTATCCACCCTATACAGTGGCTGCAGATTCTTGAATGACTTCTATAGTCCCAAGTCATCTTTC
 ACCTCCTGTGCTGGCCGTGGTCAATTATAATAAAGTATTTCAATGTGGAATTCTATACAGTTGTGCC
 CTCCATATCCGGCTCCAGACTGGCCCTGATAGCGCGGATCCTGCATCCCCAGCAGCTCACGCCACTCTTC
 ATCCACGCGCGATGGGAATGGCTGTGGCTTGGTGTGCGGCCATCATGACCAAGGCCAGTACAGCTCTC
 TCGTGGTTCCCTGCACTGGAAGTGAAGCTTAGATAGCCCTGCTGCTCAGACCTGCTGAATGAATATCA
 TCTGTTTTCTACTGTCCGGAGCATTATGGGCTATAGCTATAGTCTTCTGTATTTTCAATAACAACATG
 AATTATCTCCCGTTTCTATTATACAGCAGTACAAATTTTGGCTTTCCGGAGATCTCTCTCTTACTAG
 TTAACATAGCTGTGGAATCCCTGTTTATGTCAGAAATTTCTGCATTGTGTATTATTTTTTGGCCA
 TATTTCCAAAGCATGGATTAGCACTGCTCTGGACCTTACACAGATGAGCAGGCTCACAGGCTCTTGAC
 ACGATAGCGGCTCTCCTGAACGCTCTACTACTACCACGCTGGCTGTGTGGCGTCTTCTCTTGGTGA
 CTTGGTATAGCTCATGGATACTTCAAATCTATGCCACGAGGCGCATGTGTTCCCTGTTAGCCGCC
 TTTTGCAGAAGCCTCAGATGAATGCCTTCTAAAGTCTTAAACAGCAACCCCCACGCATCGTAAAGTAT
 TTGGCCTTACAGGACCTGATGCTGCTTCTCAATATTCTCTTCTCGGAGCAAGAAGTTTTAGTCTCA
 GCCAACAGGTGGACATCCCCACAATTGGACTGTATTTCCGAGGGAGTGTGTTGAATCTTTTAAATGATAT
 GACTCAGAAACTGGTCTCTACCAAGAAGCTGTGCTACAAATGGGAGGATGATTATCATACTACTCAGTG
 GAACCAAGAACTGAGCTCTGCAGAAGAACTGCTTTTCCAGACTCCAAAACCTAGTCAGACGCCTTCCG
 TGCCGCGGTTAGTAAAACCTCACTGTTTTCTCCAAAATATCTACACCAATGTTTCAAGTCTTTTGG
 GACCCCGTTTGGTCCAGCGTAGTGAACGAATGGCTGGAATTTCTGATGTAACCCCTTCTCTGGTCT
 CCCCAGTCTCAGCTCATAAGAAGAGGACCGAGGCTGTGGACTCACACTTCTGATCAACAAGTGTCTG
 CAATTTCTAACCCATCTCCTTGGCCTCTGTTACTGCTGAGGGTAAGACAGTGAGACAGCCAGTGTGAT
 CTACTCGTGGATTAGAATAAACGAGAACAGATTAAGAATTTCTTGTCAAACCGGTGCTGATAATGTAC
 TTTTTAGTAAGCACCCAGAGGCTCCATTAGGCTGTTTTTTCAGATGCCCAAATGCATATTTGGGCTT
 TAGAAGGTCTGTCTCACTTAGTAGCAGCGTCATTTACAGAAGATAGATTTGGAGTTGCCAGACCACACT
 CCCAGCTATCCTTACACGCTGTGACTCTGCAGGAGGCTGTCGACAAGTACTTCAAGCTGCCTCATGCT
 TCTAGTAAACCACCCGAGCTTCCAGGAAGCCTTGTGGACACGCTCTACAAAACATTGAGATTTGCTTTCA
 GGGCTCCCTGAAAACCGCTATCTACCGTATAACCACCACGTTTGGTGAACATCTGAACGCTGTGCAGGC
 ATCTGCAGAACATCAGAAAAGACTTCAAGCAATTTGGAGTTCAAAGAATAGTGAAGTAATAAACTGT
 GTTCATTACCCTGCTGATACAACACTACAGATGGGACAGTAAATGTTGAGCATTCTTGGATCAGAAGAGAGC
 GGACTAATTAGACGCTTCTTTGTGCTGGTGTGCTTTGAAAACATACTTTAATGGGAGAAATCATGG
 AAAGAAATTTCTCAGCAGAATAACCGAAAACGCTTTTCTGTACCCAGTGTCTTTTGTGTGTGGTATA
 ATAAAATCTTTTATCAGTTTTAAAAAAAAAAAAAAAAA

- Restriction Sites:** RsrII-NotI
- ACCN:** NM_028355
- Insert Size:** 2022 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: [BC021337](#), [AAH21337](#)

RefSeq Size: 2347 bp

RefSeq ORF: 2022 bp

Locus ID: 72787

UniProt ID: [Q8VCB1](#)

Cytogenetics: 4 C7

Gene Summary: Component of the nuclear pore complex (NPC), which plays a key role in de novo assembly and insertion of NPC in the nuclear envelope. Required for NPC and nuclear envelope assembly, possibly by forming a link between the nuclear envelope membrane and soluble nucleoporins, thereby anchoring the NPC in the membrane (By similarity).[UniProtKB/Swiss-Prot Function]