

## Product datasheet for **RC221268**

### **NIBAN2 (NM\_001035534) Human Tagged ORF Clone**

#### **Product data:**

|                           |                                                    |
|---------------------------|----------------------------------------------------|
| Product Type:             | Expression Plasmids                                |
| Product Name:             | NIBAN2 (NM_001035534) Human Tagged ORF Clone       |
| Tag:                      | Myc-DDK                                            |
| Symbol:                   | NIBAN2                                             |
| Synonyms:                 | bA356B19.6; C9orf88; FAM129B; MEG-3; MINERVA; OC58 |
| Mammalian Cell Selection: | Neomycin                                           |
| Vector:                   | pCMV6-Entry (PS100001)                             |
| E. coli Selection:        | Kanamycin (25 ug/mL)                               |



[View online »](#)

**ORF Nucleotide  
Sequence:**

>RC221268 representing NM\_001035534  
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC  
 GCC**CGCATCGC**

ATGGGGTGGATGGGAGAAAAACCGGAAGATCCTGACGGAGTTCCTCCAGTTCTATGAAGACCAGTATG  
 GCGTGGCTCTCTTCAACAGCATGCGCCATGAGATTGAGGGCACGGGGCTGCCGCAGGCCAGCTGCTCTG  
 GCGCAAGGTGCCACTGGACGAGCGCATCGTCTTCTCGGGAACTCTTCCAGCACCAGGAGGACAGCAAG  
 AAGTGGAGAAACCGCTTCAGCCTCGTCCCCACAACACGGGCTGGTGTCTACGAAAAACAAGCGGCT  
 ATGAGCGGCAGGTCCACCACGAGCGTCATCAACAGTGCAGGCTACAAAATCCTCACGTCCGTGGACCA  
 ATACCTGGAGCTCATTGGCAACTCCTTACCAGGGACCACGGCAAAGTCGGGCAGTGCCCCATCTCAAG  
 TGCCCCACACAGTTCCTGCTCATCTTGGCATCCTTATGCGCGTCACTACTTCTGCATGATGACAG  
 AAGCCGAGCAGGACAAGTGGCAGGCTGTCTGCAGGACTGCATCCGGCACTGCAACAATGGAATCCCTGA  
 GGACTCCAAGGTAGAGGGCCCTGCGTTACAGATGCCATCCGCATGTACCGACAGTCCAAGGAGCTGTAC  
 GGCACCTGGGAGATGCTGTGTGGGAACGAGGTGCAGATCCTGAGCAACCTGGTGTGGAGGAGCTGGGCC  
 CTGAGCTGAAGGCAGAGCTCGGCCCGCGCTGAAGGGGAAACCGCAGGAGCGGCAGCGGCACTGGATCCA  
 GATCTCGGACGCCGTGTACCACATGGTGTACGAGCAGGCCAAGCGCGCTTCGAGGAGGTGTGTCCAAG  
 GTGCAGCAGGTGCAGCGGCCATGCAGGCCGTCTCCGAATGACATGGACCAAAATATCACCTCCAAGG  
 AGCACCTTGCCAGCAAGATCCGAGCCTTCATCTCCCCAAGGCAGAGGTGTGCGTGCAGAACCATGTCCA  
 GCCCTACATCCCATCCATCCTGGAGGCCCTGATGGTCCCCACAGCCAGGGCTTCACTGAGGTGCGAGAT  
 GTCTTCTTCAAGGAGTACGGACATGAACCTGAACGTATCAACGAGGGCGGCATTGACAAGCTGGGCG  
 AGTACATGGAGAAGCTGTCCCGCTGGCGTACCACCCCTGAAGATGCAGAGCTGCTATGAGAAGATGGA  
 GTCGCTGCGACTGGACGGGCTGCAGCAGCGATTGATGTGTCCAGCACGTCCGTGTTCAAGCAGCGAGCC  
 CAGATCCACATGCGGGAGCAATGGACAATGCCGTGTATACGTTGAGACCTCTGCAACAGGAGCTGG  
 GGAAGGGGCCACCAAGGAGGAGCTGTGCAAGTCCATCCAGCGGGTCTGGAGCGGGTGTGAAGAAATA  
 CGACTACGACAGCAGCTCTGTGCGGAAGAGGTTCTTCCGGGAGGCGTGTGTCAGATCAGCATCCCGTTC  
 CTGCTCAAGAAGCTGGCCCCTACCTGCAAGTCGGAGCTGCCCCGGTTCAGGAGCTGATCTTCGAGGACT  
 TTGCCAGGTTTCATCCTGGTGGAAAACAGTACGAGGAGGTGGTGTGTCAGACCGTATGAAGGACATCCT  
 GCAGGCTGTGAAGGAGGCCGCGTGCAGAGGAAGCACAACCTCTACCGGACAGCATGGTATGCACAAC  
 AGCGACCCCAACCTGCACCTGTGGCCGAGGGCGCCCCATCGACTGGGCGGAGGAGTACAGCAACAGCG  
 GCGGGGGCGGCAGCCCCAGCCCCAGCACCCCGGAGTCAGCCACCTCTCGGAAAAGCGACGGCGCGCCAA  
 GCAGGTGGTCTCTGTGGTCCAGGATGAGGAGGTGGGGCTGCCCTTTGAGGCTAGCCCTGAGTCAACACCA  
 CCTGCGTCCCCGGACGGTGTCTGAGATCCGAGGCCTGTGGCCCAAGGTCTGCGGCCTGAGAGCCCCC  
 CACCAGCCGGCCCCCTGTCAACGGGGCCCCGCTGGGGAGAGTCCCCAGCCTAAGGCCGCCCCGAGGC  
 CTCCTCGCCGCTGCCTCACCCCTCCAGCATCTCCTGCCTGGAAGGCTGTGGACCTTGGGCCCCCAAG  
 CCCAGCGACAGGAGACTGGAGAGCAGGTGTCCAGCCCCAGCAGCCACCCGCCCCACACACCACCCG  
 AGGACAGTGCAGGGGTGCAGACTGAGTTC

**ACGCGT**ACGCGGCGGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT  
 ACAAGGATGACGACGATAAGGTTTAA

**Protein Sequence:** >RC221268 representing NM\_001035534  
 Red=Cloning site Green=Tags(s)

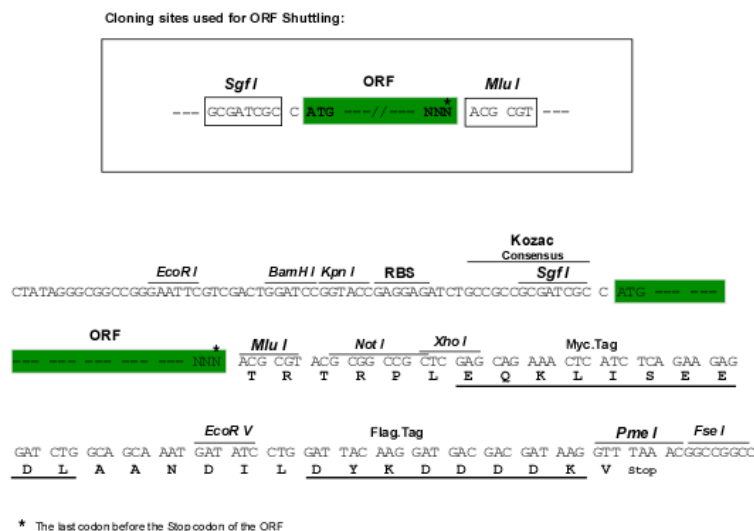
MGWMGEKTGKILTEFLQFYEDQYGVAFNSMRHEIEGTGLPQAQLLWRKVPLDERIVFSGNLFQHQEDSK  
 KWRNRFSLVPHNYGLVL YENKAAYERQVPPRAVINSAGYKILTSVDQYLELIGNSLPGTTAKSGSAPILK  
 CPTQFPLILWHPYARHYF CMMTEAEQDKWQAVLQDCIRHCNNGIPEDSKVEGPAFTDAIRMYRQSKELY  
 GTWEMLCGNEVQILSNL VMEELGPELKAELGPRLKGKPQERQQRQWIQISDAVYHMYEQAKARFEEVL SK  
 VQQVQPMQAVIRTDMDQIITSKEHLASKIRAFILPKAEVCVRNHVQPYIPSI EALMVPTSQGFTEVRD  
 VFFKEVTDMLNVINEGGIDKLGEYMEKLSRLAYHPLKMQSCYEKMESLRLDGLQQRFDVSSTS VFKQRA  
 QIHMREQMDNAVYTFETLLHQELGKGPTKEELCKSIQRLERVLKKYDYDSSSVRKRFFREALLQISIPF  
 LLKKLAPTCKSELPRFQELIFEDFARFILVENTYEEVVLQTMKDILQAVKEAAVQRKHNLYRDSMVMHN  
 SDPNLHLLAEGAPIDWGEEYSNSGGGGSPSPSTPESATLSEKRRRAKQVSVVQDEEVGLPFEASPESPP  
 PASPDGVTEIRGLLAQGLRPESPPPAGLLNGAPAGESPQPKAAPEASSPPASPLQHLLPGKAVDLGPPK  
 PSDQETGEQVSSPSSHPALHTTTEDSAGVQTEF

TRTRPLEQKLISEEDLAANDILDYKDDDDKV

**Restriction Sites:**

Sgfl-MluI

**Cloning Scheme:**



**ACCN:** NM\_001035534

**ORF Size:** 2199 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\\_001035534.3](#)

**RefSeq Size:** 3818 bp

**RefSeq ORF:** 2202 bp

**Locus ID:** 64855

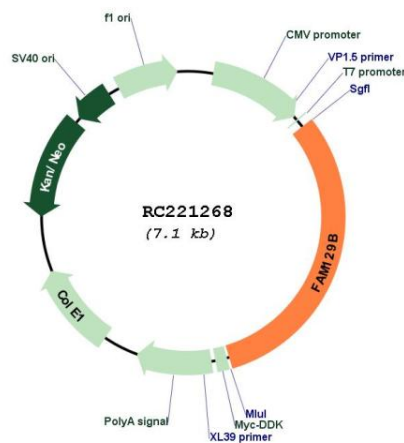
**UniProt ID:** [Q96TA1](#)

**Cytogenetics:** 9q34.11

**MW:** 82.5 kDa

**Gene Summary:** May play a role in apoptosis suppression. May promote melanoma cell invasion in vitro. [UniProtKB/Swiss-Prot Function]

## Product images:



Circular map for RC221268