

Product datasheet for **RG207084**

NIBAN1 (NM_052966) Human Tagged ORF Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NIBAN1 (NM_052966) Human Tagged ORF Clone
Tag:	TurboGFP
Symbol:	NIBAN1
Synonyms:	C1orf24; FAM129A; GIG39; NIBAN
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-AC-GFP (PS100010)
E. coli Selection:	Ampicillin (100 ug/mL)



[View online »](#)

ORF Nucleotide Sequence:

>RG207084 representing NM_052966
 Red=Cloning site Blue=ORF Green=Tags(s)

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGCATCGCC**

ATGGGCGGCTCAGCCTCCAGCCAGCTGGACGAGGGCAAGTGCCTTACATCCGAGGGAAACTGAGGCTG
 CCATCAAAAACCTCAGTCCCTACTACAGTCGTCAGTACTCTGTGGCTTTCTGCAATCACGTGCGCACTGA
 AGTAGAACAGCAAAGAGATTTAACGTCACAGTTTTTGAAGACCAAGCCACCATTGGCGCCTGGAACATT
 TTGTATGAAGCAGAGCTATCACATTTTCTGAAGACATAAAGAAGTGGAAGGAGAGATACGTTGTAGTTA
 AAAATGATTATGCTGTGGAGAGCTATGAGAATAAAGAGGCCTATCAGAGAGGAGCTGCTCCTAAATGTGC
 AATTCTTCCAGCCGGTGGCAAGGTGTTAACCTCAGAAGATGAATATAATCTGTTGTCTGACAGGCATTTT
 CCAGACCCCTTTGCTCCAGTGAGAAGGAGAACAACCTCAGCCCTTTGTGGTCTGCCAAGGAATCCAG
 TGTACCTGTGGCAGCCCTTCTTCCAGACAGGCTACTTCTGCTCCACGAGGCTGTGACCAGAAGAGGTT
 TAGTGCCTCCTGAGTGACTGCGTCAGGCATCTCAATCATGATTACATGAAGCAGATGACATTTGAAGCC
 CAAGCCTTTTTAGAAGCTGTGCAATTTCCGACAGGAGAAGGGTCACTATGGTTCTGGGAAATGATCA
 CTGGGGATGAAATCCAGATCCTGAGTAACCTGGTGTGAGGAGCTCTGCCACTCTTCCAGACAGACCT
 GCTGCCTAAGATGAAGGGGAAGAAGATGACAGAAAGAGGACGTGGCTTGGTCTCCTCGAGGAGGCCCTAC
 ACCCTGGTTCAGCATCAAGTTTTCAGAAGGATTAAGTGCCTTGAAGGAGGAATGCAGAGCTCTGACAAAGG
 GCCTGGAAGGAACGATCCGTTCTGACATGGATCAGATTGTGAACCTAAAGAACTATTTAATTGGAAGAT
 CAAAGCGATGGTGGCCAGCCGGCGGAGAAAAGCTGCTTGGAGAGTGTGCAGCCATTCTGGCATCCATC
 CTGGAGGAGCTCATGGGACCAGTGAGCTCGGGATTCAAGTGAAGTACGTGTACTCTTTGAGAAAGAGGTGA
 ATGAAGTCAGCCAGAACTTCCAGACCACCAAGACAGTGTCCAGCTAAAGGAGCATCTAGACCCGCTTAT
 GAATCTTCCGCTGCATTCGCTGAAGATGGAACCTTGTATACTAAAGTCAACCTGCTTCCAGAGCGCCTG
 CAGGATCTCAAGAGCCGCTTCCAGATTCCCCACATTGATCTGGTGGTTCAGAGGACACAGAACTACATGC
 AGGAGCTAATGGAGAATGCAGTGTTCACCTTTGAGCAGTTGCTTTCCCCACATCTCCAAGGAGAGCCCTC
 CAAAACCTGCAGTTGCCATTGAGAAGGTTAACTCCGAGTCTTAAAGCAATATGATTATGACAGCAGCACC
 ATCCGAAAGAAGATATTTCAAGAGGCACTAGTTCAAATCACACTTCCACTGTGCAGAAGGCACTGGCGT
 CCACATGCAAACCAGAGCTTCCAGAAATACGAGCAGTTCATCTTTGCAGATCATACCAATATGATTCACGT
 TGAANAATGTCTATGAGGAGATTTACATCAGATCTGCTTGTGAAACTCTGAAAGTGATAAAGGAAGCT
 GCTATCTTGAAGAAACACAACCTATTTGAAGATAACATGGCCTTGGCCAGTGAAGTGTGTCCAGCTTAA
 CAGATCTAAAGCCCCCACAGGGTCAAACCAGGCCAGCCCTGCCAGGAGAGCTTCTGCCATTCTGCCAGG
 AGTTCTGGGTAGTGAGACCCCTCAGTAACGAAGTATTCCAGGAGTCAGAGGAAGAGAAGCAGCCTGAGGTC
 CCTAGCTCGTTGGCCAAAGGAGAAAAGCCTTTCTCTCCCTGGGCCAAGCCACCCACAGATGGGACTGAGC
 AGGTGATTATTTCAAGAGTGGATGACCCCGTGGTGAATCCTGTGGCAACAGAGGACACAGCAGGACTCCC
 GGGCAGATGCTCATCAGAGCTGGAGTTTGGAGGGACCCCTTGGAGTGAAGAACCAGCCAGGAGAGCCA
 GAACCCATCACTGCCTCGGGTCTTTGAAGGCGCTCAGAAAGTTGCTGACAGCGTCCGTGGAAAGTACCAG
 TGGACTCTGCTCCAGTGTGGAAGAAGATACGAATGGGGAGAGCCAGTTCCCAAGAAAATGAAGAAGA
 AGAGGAAAAAGAGCCAGTCAGGCAGCTGCCATCCACCCGACAACCTGTGAAGAAAAGTGAAGTCAAGCAG
 AGGGAGGCCCAACCTCCCTGTCCCGAGGCCATGGGGAGGAGTTGGGGGATTTCCAGAGGTAGGCAGCC
 CAGCCTCTCCGCCAGCCAGTGGAGGGCTCACCGAGGAGCCCTGGGGCCATGGAGGGGGAGCTCCACAGG
 AGAGGCCCTGCACACTCACTGCCATGAAGGAAGAGGGGGCAAGTGTACCGAGGAAGGGGATGCCTCACAG
 CAAGAGGGCTGCACCTTAGGTTCTGACCCATCTGCCTCAGTGAGAGCCAGGTTTCTGAGGAACAAGAAG
 AGATGGGAGGGCAAAGCAGCGCGGCCAGGCCACGGCCAGTGTGAATGCAGAGGAGATCAAGGTAGCCCG
 TATTCATGAGTGTCAAGTGGTGGAGGATGCTCCAAACCCGGATGCTCTGTGTACACAAAGATGAC
 GTGAAGGAGGGAAGGTGGTCCAGGAGATTTCCAGAGCTGCCCTCAGAGGAG

ACGCGTACGCGGCCGCTCGAG - GFP Tag - GTTTAA

Protein Sequence: >RG207084 representing NM_052966
 Red=Cloning site Green=Tags(s)

MGGSASSQLDEGKCAYIRGKTEAAIKNFSPPYSRQYSVAFCNHVRTEVEQQRDLSQFLKTKPPLAPGTI
 LYEAELSQFSEDIKKWKERYVVVKNDYAVESYENKEAYQRGAAPKCRILPAGGKVLTSSEYNLLSDRHF
 PDPLASSEKENTQPFVVLPEKFPVYLWQPFRRHGYFCHEAADQKRF SALLSDCVRHLNHDYMKQMTFEA
 QAFLEAVQFFRQEKGHYGSWEMITGDEIQILSNL VMEELLPTLQTDLLPKMKGKKNDKRKRWLGLLEEAY
 TLVQHVSSEGLSALKEECRALTKGLEGTIRSDMQIVNSKNYLIGKIKAMVAQPAEKSCLESVQPF LASI
 LEELMGPVSSGFSEVRVLFKEVNEVSQNFQTTKDSVQLKEHLDR LMNLPLHSVKMEPCYTKVNL LHERL
 QDLKSRFRPHIDLVVQRTQNYMQELMENA VFTFEQLLSPHLQGEASKTAVAIEKVKLRVLKQYDYDSSST
 IRKKIFQEALVQITLPTVQKALASTCKPELQKYEQFIFADHTNMIHVENVYEEILHQILLDETLKVIKEA
 AILKKNL FEDNMALPSES VSSLTDLKPPTGSNQAS PARRASAILPGVLGSETLSNEVFQSEEEKQPEV
 PSSLAKGESLSLPGSPPPDGTEQV IISRVDDPVVNPVATEDTAGLPGTCSSELEFGGTLEDEEPAQEPEP
 EPITASGSLKALRLLTASVEVPVDSAPVMEEDTNGESHVPQENEEEEKEPSQAAA IHPDNCEESEVSE
 REAQPPCEAHGEELGGFPEVGPASPASGGLTEEPLGPMEGELPGEACTLTAHEGRGGKCTEEGDASQ
 QEGCTLGSDPICLSESQVSEEQEEMGGQSSAAQATASVNAEEIKVARIHECQVWVEDAPNPVLLSHKDD
 VKEGEGGQESFPELPSEE

TRTRPLE - GFP Tag - V

Restriction Sites:

SgfI-MluI

Cloning Scheme:

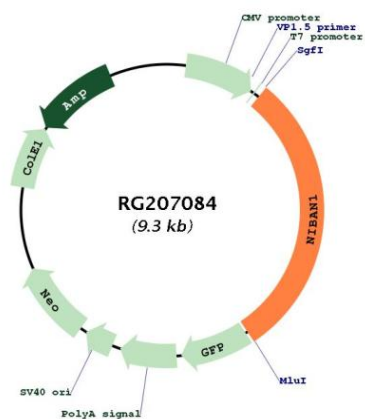


ACCN:

NM_052966

ORF Size:	2784 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:	<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:	NM_052966.4
RefSeq Size:	6926 bp
RefSeq ORF:	2787 bp
Locus ID:	116496
UniProt ID:	Q9BZQ8
Cytogenetics:	1q25.3
Gene Summary:	This gene encodes a member of the family with sequence similarity 129 protein family. This gene is highly expressed in several cancer cells and may serve as a prognostic marker for certain cancers. The encoded protein may play a role in regulating p53-mediated apoptosis. [provided by RefSeq, Sep 2016]

Product images:



Circular map for RG207084