OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for SC113084

NIPAL3 (NM_020448) Human Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	NIPAL3 (NM_020448) Human Untagged Clone
Tag:	Tag Free
Symbol:	NIPAL3
Synonyms:	DJ462O23.2; NPAL3
Mammalian Cell Selection:	None
Vector:	pCMV6-XL5
E. coli Selection:	Ampicillin (100 ug/mL)

Fully Sequenced ORF:

>OriGene ORF within SC113084 sequence for NM_020448 edited (data generated by NextGen Sequencing)

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ATGGACGGATCCCACAGCGCAGCCCTGAAGCTGCAGCAGCTGCCTCCCACAAGTAGCTCC
AGCGCCGTAAGCGAGGCCTCCTTCTCCTACAAGGAAAACCTGATTGGCGCCCTCTTGGCG
ATCTTCGGGCACCTCGTGGTCAGCATTGCACTTAACCTCCAGAAGTACTGCCACATCCGC
CTGGCAGGCTCCAAGGATCCCCGGGCCTATTTCAAGACCAAGACATGGTGGCTGGGCCTG
TTCCTGATGCTTCTGGGCGAGCTGGGTGTGTTCGCCTCCTACGCCTTCGCGCCGCTGTCA
CTCATCGTGCCCCTCAGCGCAGTTTCTGTGATAGCTAGTGCCATCATAGGAATCATATTC
ATCAAGGAAAAGTGGAAACCGAAAGACTTTCTGAGGCGCTACGTCTTGTCCTTTGTTGGC
TGCGGTTTGGCTGTCGTGGGTACCTACCTGCTGGTGACATTCGCACCCAACAGTCACGAG
AAGATGACAGGCGAGAATGTCACCAGGCACCTCGTGAGCTGGCCTTTCCTTTTGTACATG
CTGGTGGAGATCATTCTGTTCTGCTTGCTGCTCTACTTCTACAAGGAGAAGAACGCCAAC
AACATTGTCGTGATTCTTCTCTTGGTGGCGTTACTTGGCTCCATGACAGTGGTGACAGTC
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ATCTTCTACGTGATGTTCGTGTGCATGGTGGCAACCGCCGTCTATCAGGCTGCGTTTTTG
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ACAACCATTGCTATCACAGCAGGTGCAATATTTTACCTGGACTTCATCGGGGAGGACGTG
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ACGCGTAACAGGAAGAAGCCCATTCCATTTGAGCCCTATATTTCCATGGATGCCATGCCA
GGTATGCAGAACATGCACGATAAAGGGATGACTGTCCAGCCTGAACTTAAAGCTTCTTTT
TCCTATGGGGCTCTGGAAAACAATGACAACATTTCTGAGATCTACGCTCCTGCCACCCTG
CCAGTCATGCAAGAAGAGCACGGCTCCAGAAGTGCCTCTGGGGTCCCCTACCGAGTCCTA
GAGCACACCAAGAAGGAATGA

Clone variation with respect to NM_020448.4
789 c=>t
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5' Read Nucleotide Sequence:

>OriGene 5' read for NM_020448 unedited
NGGTCGGATTTGTATACGACTCACTATAGGCGGCCGCGAATTCGCACGAGGGGCCTTAGA
GGAGACGCCGCCGAGCACCGCAAGACTGGAAAACACACCCCTCTCTGTCTGCCTGGGAGA
GCCACGGAAATTGGCACTTCTCTGAGTGAAGCTGAGGAGAAGGCTGTAAATCTGCCAAAA
CAGCCTTGAAGTATTCTTTTGTCATGAGGAAGTGACGGCTGCTGGAGGGAGGTGAACACC
ACAAGGAGAGATGGCATCTGGCCTGGGCCCCGCCTAGCAGCAGCTCCACCTCCTAGGCCA
GGCCCTGTGGGATGCGCCACTAGACCACCATGGACGGATCCCACAGCGCAGCCCTGAAGC
TGCAGCAGCTGCCTCCCACAAGTAGCTCCAGCGCCGTAAGCGAGGCCTCCTTCTCCTACA
AGGAAAACCTGATTGGCGCCCTCTTGGCGATCTTCGGGCACCTCGTGGTCAGCATTGCAC
TTAACCTCCAGAAGTACTGCCACATCCGCCTGGCAGGCTCCAAGGATCCCCGGGCCTATT
TCAAGACCAAGACATGGTGGCTGGGCCTGTTCCTGATGCTTCTGGGCGAGCTGGGTGTGT
TCGCCTCCTACGCCTTCGCGCCGCTGTCACTCATCGTGCCCCTCAGCGCAGTTTCTGTGA
TAGCTAGTGCCATCATAGGAATCATATTCATCAAGGAAAAGTGGAAACCGAAAGACTTTC
TGAGGCGCTACGTCTTGTCCTTTGTTGGCTGCGGTTTGGCTGTCGTGGGTACCTACCTGC
TGGTGACATTCGCACCCAACAGTCACGAGAAGATGACAGNGCGAGATGTCACCAGGCACC
TCGTGAGCTGGCCTTTCCTTTTGTACTGCTGNTNGAGATCATTCTGTTCTGCTT

3' Read Nucleotide Sequence:

>OriGene 3' read for NM_020448 unedited
GGACCGCGGGCCGCAATCTAGAGTCGAGTTTTTTTTTTTTTTTTTCAGTTTTTGGAGTC
AAGATACTAAATCAGTATTAAGCACAATCCATAAAGATAAGTGATCTATCACACTGGTCT
ATTAACACTGTTATCATGCCTATTAAAGGCTGTCTAGGGAAGTGGTGAGTGTAGCTCTAA
GTAGTATTCATTGGATGGAGAAATGCCACAGATCCTATGGGGAGTATTTAACCTTCCAAA
GGAACCCTAGGGAGGAAATTTTCTAGCAAGACTGCATGGGGCCCTGGGGGTTTTAGCAGA
ACATCTTTGTAAATTCTTAGGCTTTCCAGATGTGAAATCTCGGGATTGAAGCATCGCATC
AGAATCACTGGTGGTACCAGTTAAGAATGCAGACCCGTGGGCCCCACTCCAGTCCCACTT
AACAGTGTCTGCAGTTGGGGTGCAGGAATCTGCATTTTACATATGCTTCTAGGGGATCCT
TATGCCCATTAAAGTTTGCAAACCTTTATCCGCCCCTCTCAAAAGTATACCATCAGTCTA
GGGGAAGACAGTCACATATGCGGCCAGGAAGAAAGCAACAGCCCTGTTTTGGAGAATGCT
TGCTTCTCCCAGACATATATGCATGGGGATGAGGACCCAGAGAGTCTCTATTGACTTCAA
GGAAATTAACCAGTAACTCAAGCTTGGCTTGTGGCTCTGTACTGGAGAGACGGAGGACAG
GTGAAGAAGCTGTCTCTGAAATGACCATCCCCATCTTTCCAGGGGGCCACTGTTATGCAG
GAAAAAAATACACATAAAATGGCCCAGATTTTCTACCTATCCTTTNTTAAGTGGGCAATC
ACCTTTTGTAGGAGAAGGGGAACTTTCTTTCCTTATGGGCTAAAGCATCATCACCCTCTC
CTATCCTCCATAATTCTCCCCTTCTCTAACCTC

Restriction Sites: NotI-NotI

ACCN: NM_020448

Insert Size: 3200 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:	NM_020448.2, NP_065181.1
RefSeq Size:	5297 bp
RefSeq ORF:	1221 bp
Locus ID:	57185
UniProt ID:	Q6P499
Cytogenetics:	1p36.11
Protein Families:	Transmembrane