

Product datasheet for RN203373

Nipal1 (NM_001106003) Rat Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nipal1 (NM_001106003) Rat Untagged Clone
Tag:	Tag Free
Symbol:	Nipal1
Synonyms:	Npal1; RGD1310092
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)
Fully Sequenced ORF:	>RN203373 representing NM_001106003 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**CGATCGCC**

ATGGGGGCACAGCTGAGGCTGCCACCCGGAGAGCCCTGCCGGAAGGGTATGTGCTGTCTCTGGTCTGCT
CAAACCTTTCCAGGCTCTGTGTGAGATCACAACGTGTACAGCCGCTGGCTTATCCTGTCTCTACAC
GAACCCGAATTCCTCCACAAGCAACTTCAGCATCTCAGCAGGTGTAGAAAACAAATATAGTCTGTATGTG
GGCTTGGTATTGGCCATAAGCTCCAGCTTTTTTATTGGCTCAAGTTTCATACTCAAAAAGAAGGGTCTCT
TGCAACTGGCCGACAAGGGCATTACCAGAGCAGTGGGAGCTGGAGAGGCTGCAAACCTCGCCGCTTATGC
CTTTGCACCTGCCACCTTGGTCACCCCTCTGGGGCTCTGAGCGTTCTCATAAAGTGAATATTATCTTCC
TATTTTTAAATGAGCACTTGAACATTCATGGGAAAATAGGCTGCATACTAAGCATATTGGGGTCAACTG
TGATGGTTATCCACGCCCCGCAAGAGGGAGAAGTCACGCTTTTGCATGAAATGGAATGAAACTGAGAGA
TCCAGGGTTCAATTCCTTTGCTGTGATCGTCTCTGTGATCTCACTGGTGTGATTTTGGTTGTGGCCCCG
AGGAAAGGCCAGACTAATATATTGGTCTATATCTCAATCTGTTCTTTGATTGGAGCGTTTTCCGTTTCTT
CCGTGAAAGGCTTGGGGATTGCCATTAAGGAACGCTGGAACGGAAGCCTGTTTACAAGGATCCCCTGGT
CTTCATCTGTGGCCGTGCTTACACTTTCAGTGACGACCCAGATTAACATCTCAACAAGGCCCTGGAC
ACTTTCAACACGCTCTGGTGACTCCCATTTACTATGTGTTCTTCACATCCATGGTGGTGACATGTTCCG
CCATCTTGTCCAGGAGTGGTATGGCATGAGAGCTGGGGATATCATCGGCACCCTGAGCGGGTTCTTCAC
CATCATCAATGGCATCTTCTTCTACATGCTTTTTAAAAACACCAACATCACCTGGAGCGAGCTCACGTCT
ACGGCTAAGAAAGAAGTCTTTCTTCAAATGGCAGTCAGAACAGTTATGTTTTACTAGAGAATGCAGACT
GCTCAACCTCTGGGTGTGATGACGACATCACCTGTTTAGCAGGACTGGTGACCAAAGTATCCATAAACT
TGA

ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
ACAAGGATGACGACGATAAGGTTTAA



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Restriction Sites:	Sgfl-Mlul
ACCN:	NM_001106003
Insert Size:	1194 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:	<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:	<u>NM_001106003.1, NP_001099473.1</u>
RefSeq Size:	1379 bp
RefSeq ORF:	1194 bp
Locus ID:	289594
Cytogenetics:	14p11