

Product datasheet for **MC205537**

Nipal2 (NM_145469) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nipal2 (NM_145469) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nipal2
Synonyms:	9330161F08Rik; Npal2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF:	>BC030399 CCACGCGTCCGGCTGACAACGTTTCAGCAATTCTTTATGAACTTATCTGACAGCCTATCCAGCTGCCATA GGATATCTCTTCTCTATTCTTCGAATAGTTCTAATGGTCACTCTGTGGCTGGGCTCTTCATTACAAATG TGCCCAATATTGGGGAGAGGGGAGATTATGGCTTTTTCTTTTTCCATATGTGGAACATTTTAAACCTTTT ACACGCGCGAACTGGAAGTCCCAAGGGTGCCGGTCACTCTTTAGATTAATCGATAGCTCCTTTTCTCCCT GCACCTTGACAAACATTTGCTTTGTGCACAGTAGATCCAGAGGCAAAAGAGATGATGTCATTCTGCGC TGACAGGTGTAGGCACCGGGGCCAGAAGGGAGCGCGCAACTGGGCCGAGCCCGACCTCACCTGCGT GCCGACAGGAGCCAGGTGCCGGCGCCGGTCCCGGGCAGGAAGTGGCTGCGGCTGCGGGAGGACGGACGG GAGGGCCGCGCCGAGTCCAGCGCGTGGATTCACTCCTCATGGCGGCTCCGGCGCGCACAGCCCCGAG GACGACGCTCGGCCGTCTAGACGAGCTGTCTCGGAACCTCACATACTGGGCACAGGCCCGGGCAACG GCTCGTGTGAGCGCCTGGTATCGCAGAAACCAGATTACCTTTTTGGAGTTTTGCTGGCCATTTTAGG AAACCTGGTTATCAGCATTTCCCTAAATATCCAGAAATATTCTCATCTTCATTTGGCCCAGAAAGAGCAC CCAAAGCCATACTTTAAGAGTGTGCTTTGGCTGAGTGGAGTCTGCTGACAGCCCTAGGAGAGACAGGCA ATTTGCGAGCCTATGGGTTGCCCCATCACTCTGATCGACCACTGGGTGCATGTCAGTTACAGGTAG TGCCATAATTTCTGTTCTATTTCTAAAAGAAAATTTGAGAGCCTCGGATTTACTAGGTATGACACTAGCA TTTGCAGGAACATATTTATTGGTGAATTTTGCTCCAAATATCACCCAGGCTATCTCAGCAAGAACAGTAC AGTATTACTTTGTTGGCTGGCAATTCCTGGTCTATGTGATTTTAGAAATCCTAGTTTTCTGCATCCTTCT GTATTTCCATAAAAGGAAAGGAATGAAGCACATTGTGGTCTGCTCACCTGGTGGCACTCCTTGCTCTCA TTGACTGTGATTTCTGTGAAGGCTGTCTCAGGCATGATCACTCTTCTGTGACGGGTAATGCAGCTAA CTTATGCCATCTTCTACATCATGCTTGTATCATGATAGCCTCTTGCGTTTTCCAAGTCAAGTTCCTGAA TCAAGCCACAGAACTCTACACAATGACCACAGTGGTGCCAGTCAACCATGTTTTCTTACAACAGCGCC ATCATCGCAGGCATCATATTTTACCAGGAATTCCTTGGTGCTGCTTTTCTCACTGATTTATATATCTTT TTGGGTGCTTTCTGTCTTCTTGGAGTATTTTAGTGACAAGAAATAGAGAAAAGGAACATCTACAACA GTCTTTTGTGACCTTGGGGATATTCTGGGAAACAAATGTTGGACAAAGTACAACCAGATTCAAATGGC TTATCCTATGGAACCTTGCTGTATGGAGGCGACTCAACAAGGGGCAATGTGGAGAGAAGAAAGATCCT AGGTTGACAAGAGGGATGGCTGTTGGCCTGCTATTCAATACCACCTTTTAAAGGATTGCACATGTTGCTT CTGTGTGACGAGCTATTTCTATGCTGACATGTGTGCACATTAGATTCACTTCTTTCCCCACTGTGGACAA TCAGAGCCTTCTAATCTCTAACAGTCTAATGCTTTTATGGAATGTAAGTGCAGTGTCTCCACACCTT GCATCTCTCCCTAGCAATCATCTAGCTGGATCTTAACGAGAGCCTGGCTGCTGGAACAAGATGTCACAC AAAAATGTGCACTAGAGATCTGGCCATAGAAGGCAGAGGTTGCTTCTCCATGTGGCTTGCAAGATCTGCT TGTGGCTTTAAAAACACCTCTCACACTACAACCTTAGTCTTTAAAGGAAGATTCGATGTGCTTGTCTCT TGGGCGCCTTCTATGAACCTCTCTTAAGGAACTGACTCTTTTCCCTGTTGTATGGCAAGTCACTGTCT CAGCCAATTCTGTAAAAATCTTCTTTGAAAATAAGAGCCTCATTACAAAATTGAAAAAAAAAAAAA AAAAAAAAAA
Restriction Sites:	RsrII-NotI
ACCN:	NM_145469
Insert Size:	1152 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.

Note: Plasmids are not sterile. For experiments where strict sterility is required, filtration with 0.22um filter is required.

RefSeq: [BC030399](#), [AAH30399](#)

RefSeq Size: 2252 bp

RefSeq ORF: 1152 bp

Locus ID: 223473

UniProt ID: [Q91WC7](#)

Cytogenetics: 15 B3.1