

Product datasheet for **MC220514**

Nufip2 (NM_001024205) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nufip2 (NM_001024205) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nufip2
Synonyms:	1110001M19Rik; 9530056D24Rik; AI256692; AI461731; mKIAA1321; PIG1
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC220514 representing NM_001024205
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGGAGGAGAAGCCCGGCCAGCCACAGCCTCAGCACCATCACAGCCACCACCATCCGCACCATCATCCCC
 AGCAGCAGCAGCAGCAGCAGTCGCACCACCACCACCATATTATTCTACAACCACAGCCACAACCACCA
 CCACCACCACCATCACCAGCAGCCTCACCAATACCTGCAGCATGGAGCCGAGGGCAGCCCAAGGCCAG
 CCCAAGCCGCTGAAACATGAGCAGAAACACACCCTCCAGCAGCACCAGGAAACGCCGAAGAAGAAACAG
 GCTATGGTGAAATAAACGGTAATGCTGGAGAAAGAGAAATATCTTTAAAGAGCCTCAGTTCTGATGAAGC
 TACCAACCCTATTTCCAGGGTCCTTAATGGCAACCAGCAAGTTGTAGAAACAAGCCTGAAGCAGACTGTA
 AAGACCAGCACCTTTGAAAAGCAGGAATCAAAACCAAGAATTTTATTAGAAAAACAGTATGGACAAAA
 AGAATGGGAAGTCTTATGAAAACAAATCTGGAGAGACCCAGGCTGTAGATAAGACCGATACCATAGCAAT
 TCCAAATGGTGTATAACAAGTAGTTAGGCTATATTACTAATGGTTATATGAGCAAAGGAGCAGATAAT
 GATGGTAGTGGATCTGAGAGTGGATATACCACTCCTAAAAAAGGAAAGCTAGGCCCAATAGTGCCAAAGG
 GTTGTGAAAACCTTAATTTAGTGCAGGACAAAATAATGCAAGAGACTAGTGTCCAGCATTAAAAACAGG
 ACTTGAACTTTAAAGCCTGACTATAGTGAACAAAAGGGAATGCGAGTAGATGGTTCAAAGCCTATTTGG
 AAATATGAAACTGGACCTGGAGGAACAAGTCGTGGAAAACCTGCTATGGGTGACGTGCTTCGTAAGAGCT
 CTGATATTAACTGGTTTGAGTAGCAAAAAATTTGATGATCGGCCTAAAGGAAAGCATGCCTCAGCTGC
 TGCCTCCAAAGAGGACTCATGGACCTTGTTTAAGCCACCCCAAGTTTTTCCAGTGGAACAATGACAGTGCA
 AAAATAGTTCCTAAAATAAGTTATGCAAGCAAGTTAAGGAAAACCTCACAAACTGTACAGAACTCCT
 CCGTGTACCATCTTCATCTTCATCATCTACTGGGAAACTCAGACCCAGTCTTCAAGTCGGTT
 ATCCCAGGTCCCGATGTCAGCTCTGAAATCTGTTACTTCTGCCAGTTTTTCTAATGGGCCTGTTTTAGCA
 GGAAGTATGGAAGTGTGTACCATCTGGGGTGCAGCCACTGCTAACGACTGCTGCTAATACTTTAACAC
 CCATCTCTACTGGGACTGATTCTGTTCTTCAGGACATGAGTCTGGCTTCAGCAGCCGTTGAACAAATTAA
 ATCTAGCCTTTTTATCTACCTTCAAATATGCAACAGTGCTGTTAAGTGCACAAGTAGATCTGCCCTCT
 CAGACAGATCAGCAAACTGGGGATATCTCCAGAATCAATGGGGTTTATCATTTATAAATGAGCCCA
 GTGCTGGCCAGAGACTGTTATTGGAAAGTCATCAGATCATAAAGTGATGGAAGTGACATTTCAAGGAGA
 ATATCCTGCCACTTTGGTTTCACAGGGTCTGAAATAATCCCTCAGGAAGTGAAGTCTGTGTTTCCC
 AAGGCTTATGAGCTGAAAAACGACTAGTCTCAAGTCTGGGTACATTCTAAACCTGGGACTACTG
 AGAGTGGAGCCTTATCCTTGGACCCAGTCATATAGGTGACCTGCAAAAAGCAGACACCAGTAGTCAAGG
 TGCTTTAGTGTCTCTCAAAGGACTACGAAATAGAAAATCAAAATCCCCTGGCCTCTCCTACGAACACT
 TTGTTAGGCTCCGCCAAAGAACAGAGATACCAGAGAGGCTAGAAAGGAATGATAGCTGGGGTCTTTTG
 ACCTGAGGGTGTCTATTGTATATCACACTAAAGAAATGGAATCTATATGGAATTTGCAGAAGCAAGATCC
 CAAAGGATAATCACTTACAATGAAGCCATGGATAGTCCAGATCAATGA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI

ACCN: NM_001024205

Insert Size: 2079 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: [NM_001024205.2](#), [NP_001019376.1](#)

RefSeq Size: 10399 bp

RefSeq ORF: 2079 bp

Locus ID: 68564

UniProt ID: [Q5F2E7](#)

Cytogenetics: 11 B5

Gene Summary: Binds RNA.[UniProtKB/Swiss-Prot Function]