

Product datasheet for **MC222210**

Nom1 (NM_001033457) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Product Name:	Nom1 (NM_001033457) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nom1
Synonyms:	D5Kng1; Gm1040
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



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Fully Sequenced ORF: >MC222210 representing NM_001033457
 Red=Cloning site Blue=ORF Orange=Stop codon

TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
 GCC**CGGATCGCC**

ATGCCCGGAACGTCCCAGGTTAACGGCGTCTATAGGCATGGGGCTTGTGAGTTGTGGTGTAGAGCAA
 TGGCACATGCTCTTGAACGTAGCGGCTCCGCCGCGTCTGGCGGCAAGGAGGTTCCCTGAAACG
 GCTGCGGCTGGCGTGAAGACTTCGTGCGGACTACCTCCGAGAGCAAGCCTGCAGAGCCGACGCGCT
 GTGGCGGCTCCCGCCCGCGGCCGAAAGAGCCGAAGGAGCTTCGTAAGGAGAAGCGACACCTGAGGA
 AAGCGCGGCGCTGCAGAGGACAGTAGGCTCCGGGTGAGGGACCAAGGGGGAAATGTCGGCCTAACGA
 TGGCCCGGAGACTCGACGACCGCCACTGAGGTGAGACCGACGCCGCCAAGGCCACAGCAACCCCTGCC
 AAGGCCAGTGCCTCCACTAACCAAGGCCTCGCGGCCAGCCGAAGGCCAAGGCTAAAGGTGCTC
 CTGAAAGCCTGGTCCCACCACCACCGCCCGGAAGCGGGCACTTCTAGCGCCAACGAGGAGGAGGA
 CCGAGAGATCCGAAAGCTGGAACGGTGCCTCGGCTCCACAAGCGTAAGAAGAAGGGCGATGGTAGCTCG
 GTGCCGCTCAGCTTCGCGCGCGACGGTCTGGACTACATCCTGGGGCCCTGGAATGTGGGAGCGCGCGG
 GCCTGTACGAAAGCAGCGAGGAAGAGGAGGAAGAAAAGTTGGAGACTGGACAGACAGTCTTGAGAGTGA
 CCTAGAGAGCAATTCTAAAGAAAGTGAAGGAGCCAGACTGGCAAGTGCAGGAGGATCAGGAAGAT
 GTAACCTCGAAAAGGAGAGGAGAAGCAGAAAAGTGGGACTCGGGGAAATAAAGGGACTAAGAAAGTGCCT
 TTGAGAAAGTTGAGAAAAGAGCAGAAGCTCTTCGGAAGATGACATAGAACAGCAGGAGAGTCACTCTGT
 TGAAGTGGTGAAGATACATCCCTCCTCGGCTGAGGAACGAGGAGGTAATAGATGTCCACAAGAAAAGAA
 GAGCTAGACAGGCTCAAGAAACATGTTAAAGCCTAATTAACAGGTTGAGTGAGCCAAACATGGCTCTA
 TAAGTGGCAGCTAGAGGAGCTGTACATGGCCACAGCAGGAAGGACATGAACGATACCTGACCCTGC
 CCTCATGGATGCCTGTGCACTGCCTCAGCCATGCCAGCAGACTGATGATGGAGCATGCTTCTTAGTC
 AGCATCCTCCACCACACGGTCGGAATAGAGGTTGGTGCTTCTTGAAGCTGTGGTAAAGAAGTTTGA
 ATGCTATCTATAGAGATGGAGGTGAGGGGAAAAGAACTGGACAACCTCTTACCATGATTGCCATTTGTA
 CAACTTCCACGTGGTACAGTCTATCCTCATCTTTGACATTTTAAAGAAGCTTGTGGAACTTTTACGGAA
 AAAGACATTGAGCTGATCCTGTTGATGCTGAAAATGTGGGCTTTCATTGAGAAAAGATGACGCTTGT
 CACTTAAGGAAGTATCACAGAAGCCAGACCCAGGCCAGTGGTGCAGGCAACAAGTTTCAGGACCAGAA
 CAGGGTACGGTTTATGTTGAAAACAATGCTGGCTCTGAAGAACAATGACCTGCGTAAAATCCCTGGTTAT
 AATCCTGAGCCTGTGAAAAACTGAAGAAGTTACAAAAGAACTCTGTTTCAAATGCTGGCTCAGGTTCTG
 AGACTCGGCTTCGCATCTCCTGGGATGGCATCTTGAATGCAGAGCAGACTGGTGCCTGGTGGATTGTGGG
 GTCTGCATGGAGTGGGACCCCAATGATTGACAACAGTCATCACATACAACCTTCAGAAAGCCACTTGCAGGC
 ATGGCTAGCTCTAAGATGCTGGAGCTTGCAGGAAAGCAGAGAATGAACACTGATGTCAGGAGGATCATAT
 TCTGCACTTAAATGACAAGTGAAGACTTCTGGATGCCTTTGAAAAGCTGCTGAAGCTTGGACTGAAGGA
 CCAGCAGGAGAGAGATAGTTTCATATCCTCATGGATTGCTGTCTGCAAGAGAAAACCTACAACCCCTTC
 TATGCTTTCCTGGCCAGCAAATCTGTGACTATGAAAGGAGATCCAGATGACTTCCAGTTCAGCATAT
 GGGACAAAATTCGGGACTTAGAAAATTTGCCAGACACTAAGTTCTCAAATCTGGTTCATCTGCTGGCACA
 CTTGTTGAGGACAAAATCACTTCCACTTCTGTTCTAAAGTAGTTGAATTCAGTGAATTTGATAAACCC
 AGAGTTCACTTCCACGGAGGGTGTGACTGCACTGTTGATGAAAAGTGAAGACGACGACTTGGCTGTAA
 TTTTTTCAAGAGTGTCTGACAACCCAAAGCTGGGAATGTTGCGAGAAGGCCTGAAGCTCTTCATTGGCCA
 CTTCTTACTGAAGCACACAGGCTCACCAGAGTGTGAGGAAGCCAGTCTGCTGAGAGAGAAGGCTGGC
 CTTGCATCTAAGTCTTTACAGGGCAAAGCCATCCTGAGAATGTAG

ACGGTACGGCGCCGCTCGAGCAGAAAACCTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

Restriction Sites: SgfI-MluI
 ACCN: NM_001033457
 Insert Size: 2565 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:	NM_001033457.2 , NP_001028629.2
RefSeq Size:	3542 bp
RefSeq ORF:	2565 bp
Locus ID:	433864
UniProt ID:	Q3UFM5
Cytogenetics:	5 15.0 cM
Gene Summary:	Plays a role in targeting PPP1CA to the nucleolus.[UniProtKB/Swiss-Prot Function] Transcript Variant: This variant (1) is the protein-coding transcript.