

Product datasheet for **MC219369**

Nupl1 (NM_170591) Mouse Untagged Clone

Product data:

Product Type:	Expression Plasmids
Tag:	Tag Free
Symbol:	Nupl1
Synonyms:	1700017F11Rik; mKIAA0410; Nup58
Mammalian Cell Selection:	Neomycin
Vector:	pCMV6-Entry (PS100001)
E. coli Selection:	Kanamycin (25 ug/mL)



Fully Sequenced ORF:	>MC219369 representing NM_170591 Red=Cloning site Blue=ORF Orange=Stop codon TTTTGTAATACGACTCACTATAGGGCGGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC GCCCGGATCGCC ATGGCCACGGGGTTCTCCTTCGGGTCTGGGACCCTCGGCTCCACCACTGTGGCCCCGGCGGGACCGGAG CGGGCAGCGGCTTCTCCTTCGGGACCGTCGCTCTAGCACACCTTCTGTGGGACTCAACTTTGGATCTCT TGGAAGCTCTGTGACCCAGCATCTACATCTGCTTCAGCTGGTGGTTTTGGAACAGGCCTCTTTGGATCT AAGCCTGCCACTGGATTACTCTAGGAGGAACAAGTGCAGGAACAGCAGCAACAACATCTGCGTCTACAA CAGGCTTCAGTTTAGGATTAGTAACCTGCGGCATCTGCCACACCATTTGCCCTGCCTGTCACTTCTAC CTCAGCTAGTGGTCTTACTCTCTCATCTGCTCTGACATCAACTCCAGCAGCATCCACAGGATTACTTTG AATAACTTGGGAGCAACACCAGCCACAACACAGCATCAACTGGGCTTTCTTTAGGGGAGCCTTAG CTGTTTGGGAGGTTCACTTTTTCAGAGTGGAACACAGCAACATCAGGTCTCGGACAAAATGCTTAAAG CTTGCTTTGGAACTACAGCACCTACTTCAGTGCCAGCAATGAAGGCCTTGGTGGTATAGACTTTAGT ACCTCATCAGATAAGAAGAGTGATAAAACGGGAACAAGGCCAGAGGACAGTAAAGCACTGAAAGATGAAA ACCTGCCTCCTGTCTATCTGTCCAGGATGTTGAAAACCTCCAGAAATTTGTCAAGGAACAGAAACAAGTCCA AGAAGAAATTAGCCGAATGTCTTCCAAAGCAATGCTTAAAGTCCAGGAAGACATCAAGGCCCTGAAGCAG CTTCTGTCTATTGGCTGCCAGTGGTTGCAGAGGAATACACTCAATATTGACAACTGAAGTTAGAAAATG CTCAGGAGTTAAAGAATGCCGAAATAGCTTTAAGAACCAGAAAACACCCTGGACTCCAACATGAAAA CACAGCTCCTGCTGACTACTTCAGAAATATTGGTTCAGCAGTTTGAAGTACAGCTTCAGCAGTACAGGCAG CAGATTGAAGAACTAGAAAACCATCTTGCCACTCAAGCCAGTAATTCACATATAACTCCTCAAGATTTAT CAATGGCTATGCAGAAAATTTATCAAACTTTGTAGCTTTAGCCGCACAACTTCAATCTATTCATGAAAA TGTCAGAGGTGCTTAAAGAACAGTATCTCGGCTACAGAAAAATGTTTTTGGGTGATGCTGTGGATGTGTTT GAAGCCAGGAGAACAGAAAGCCAGAAAGTGGCAGAAATGCACCCAGAGTTACTACTGGACCCACTCCTTTC GCACCATGCCAAACGCAGCAGCCGTTGCCATGGCTGCAACACTTACACAGCAGCAACAGCCTGTACAGG GCCACAGCCGCTCTCTGGGAGTTAGTTTTGGAACGCCATTGCGCTCAGGTATTGGCACTGGCTTGCATCA AGTGGCTTAGGTTCTTCAAACCTTGGAGGATTTGGAACCTAGCTCTGGTTTCGGATGCGGTACACAGGGG CCTCCACATTTGGATTGGAACAACAGATAAACCCCTCAGGAAGTCTTAGTGCAGGCTTTGGCAGCTCAAG TACGCTGCGGTTTAACTTCAGCAATCCTGGCATCACGGCATCAGCTGGTTTGACATTTGGGGTATCCAAT CCTGCATCTGCGGGGTTTGAACAGGAGGACAACCTCTCAATTGAAGAGACCTCCAGCTGGAAACAAAA GAGGAAAGAGATAA ACGCGTACGCGGCCGCTCGAGCAGAAACTCATCTCAGAAGAGGATCTGGCAGCAATGATATCCTGGATT ACAAGGATGACGACGATAAGGTTTAA
Restriction Sites:	SgfI-MluI
ACCN:	NM_170591
Insert Size:	1764 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:	<u>NM_170591.1, NP_733479.1</u>
RefSeq Size:	2410 bp
RefSeq ORF:	1764 bp
Locus ID:	71844
UniProt ID:	<u>Q8R332</u>
Cytogenetics:	14 D1
Gene Summary:	Component of the nuclear pore complex, a complex required for the trafficking across the nuclear membrane.[UniProtKB/Swiss-Prot Function]