

## Product datasheet for **MC200227**

### Nusap1 (NM\_133851) Mouse Untagged Clone

#### Product data:

Product Type:	Expression Plasmids
Product Name:	Nusap1 (NM_133851) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Nusap1
Synonyms:	2610201A12Rik; AI481307; ANKT; AW547774; BB165529; BM037; LNP; NuSAP; Q0310; SAPL
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC004787 sequence for NM\_133851  
TCTGTTTTGAGTTGTGTGGCTGTTTTCTGGGAATCACCGAGATTGCAGAACCGGATGACCGTCCCCTCT  
GCAGAGGAGCTGGACTCCTTCAAGTACAGCGACCTGCAAAATTTAGCCAAAAGGCTGGGCCTCCGGGCTA  
ACATGAAGGCAGACAAGTTGTTAAAAGCCTTAAAAGCAGCCTGAATCCAGAAACAAGGAAAGAAAATAA  
AAATCAGGATGAAAATCAATTCTCCACTGATGAACTGAGATACCGTTAGCAGTGAGGAGCAAGCTGAG  
ACGGAATCAGGTGGTACGTACCAAAAACGAGGAGGAGGAGGAGGAAGAAGCACAAGACCATCCATGGAA  
TTCTACCTCCCAGACTTTGTTGCAGGATCATTGGAGATGAAAGGAAGTATAGTAGTAACTTCCAAAA  
TCAAGAAAATCAGGAAAATCAAGACCCAGGGATACAGCAGAAGTTCCTTCTGCGCGAGCAGAGGCCA  
GAGGACGGCAATGCGGCTTCTTCAGGAGAAGGAGAAGTAAATGACATTAAGATTCAAAGAGCCTTTAG  
AAAAAAGATCTCTATGCACGGATGAGTTTTCTAAACTTGGGAACAATAAAAGGACTTCAGCCACAACACC  
AACTTTAAGAAGCTTCATGAGGCTCGTTTTAAGAAAATGGAATCCATTGATGAATATATTATGAGGAAA  
AAGAAACACCTTAAAGAACACAGTTCACCTAATGAACTAAAGCTTGACAAAAAGGGATAGTGACCCAG  
TTCCTCCAAGAGGAAGGCTCTGTACCCTGTACTCTGCCAGGCAGCAGTGCCACAAGGCCACTCAGC  
AACTAAAATGAATGTCAGGTTTTAGCTGCTACTAAAGACAATGAACATAAGTGCTCACTGACCAAGACA  
CCAGCCAGAAAAGTCTCCACACGTACTGCACCTGGGAGTGCTTCAAAGGCCAGGCTGTGTTTAGGACAC  
CCAAGTCAAAGGCCACTGAAAGGACTTCTATTGCAGTTATTACCCTTTCAAGTTGATGACTGAAGCAAC  
ACAGACTCCAAGTTCTAGTAAGAAGCCAGTATTTGATCTCAAAGCAAGCTTGCTCGTCCCCTCAACTAC  
AAGCCACACAAAGGAAAGCTGAAACCTTGGGGACAAGCTAAAGAGAACAATTCTCTGAACGAACGTGTA  
GCAGAGTTACCTTCCACAGGAAAACCTTACAACCAACCTCATCTCCAAACCAGGGAAGAACGATGGAAGAG  
ACAAGAGCAAGAACGAAAGGAGAAGAAAAGCTTTTGGAGCTCGAAGAAACCTGGGTGTGACTAAA  
GCCCAGTGACCTGTCTGTTCTTTACTCTAACTTGTGTTTCTTTTGTATGTTTTTACTCTTTCTCTAC  
TTCAGTCAAAGCTCTTTTCTATCATAACTTTTGGTCATAATTTGTGTAGTGTCTCTTCTGTGCTATATC  
TGAGAATATATTATCACCTTAAAGTTCATAACTAAAGTAGTTTTTTCATCTAATGCCCTATACATCTCCAAT  
TTTTAAAAGACTTGTCCATGATTCTTAAACAGAGGTTTTTTCATGTCAAGGTCCTGATAGTCCGAGGGA  
GATGACCTGCACCTTTTCTGCACAAGCTGTAGCAGAATCTTAGCATGAGAAAATAAGATATCGCTCATA  
GGAAAAGGGAGGCTGGAAGACCACATTTTTGTTTCAGTAGCCTGGAAAATCTATTAGTCTTATTGAAATCT  
TATTTTATCAAGGTAAGGTTTTAGCTTATAAGAGCCTTGTCTGACTTTTTCATGTATTGCCATCTGT  
CATTCTATAATCCTAAACGAGAAAACCTCTACTCTCTACTTGTAAATAAAAGCCACAGGGCAAAG  
GGTGTGCTTTAGTTGTACAACACTTGTCTATCACACTCCTGTCCCTGAACTGTACCACAAAACCAAAGC  
TGAGAATTGCTGTGTAAGAATTACTGTCATTGGCAGACTTTTTTCTTACAAGTAGTAAAGAGAGGAAAAG  
CTGCAAGGGGTGACCTTCTGATCTTTGCTCTGCCTTACAGAGATTCTGAGATGTGTGAATGCTTACAAT  
GTTCAATAATAAAATTTTCACTGTGAAAAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_133851

**Insert Size:** 1284 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.

**RefSeq:** [BC004787](#), [AAH04787](#)

**RefSeq Size:** 2142 bp

**RefSeq ORF:** 1284 bp

**Locus ID:** 108907

**UniProt ID:** [Q9ERH4](#)

**Cytogenetics:** 2 E5

**Gene Summary:** Microtubule-associated protein with the capacity to bundle and stabilize microtubules. May associate with chromosomes and promote the organization of mitotic spindle microtubules around them.[UniProtKB/Swiss-Prot Function]  
Transcript Variant: This variant (1) represents the longer transcript and encodes the longer protein (isoform a).