

Product datasheet for **MC202555**

Nckap5l (NM_001001884) Mouse Untagged Clone

Product data:

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| Product Type: | Expression Plasmids |
| Product Name: | Nckap5l (NM_001001884) Mouse Untagged Clone |
| Tag: | Tag Free |
| Symbol: | Nckap5l |
| Synonyms: | C230021P08Rik; Cep169 |
| Mammalian Cell Selection: | Neomycin |
| Vector: | PCMV6-Kan/Neo (PCMV6KN) |
| E. coli Selection: | Kanamycin (25 ug/mL) |

Fully Sequenced ORF: >BC072572 sequence for NM_001001884
GACATCAAGAGGTGGCTCCGGTACCCCTTTTCTGCACCCCTCGCCCTCCCGCCCCGAGATGCGG
CCATGGACCCTGTGGACCAAGCCAGTCGAGCTCAGCACCTGATTCGGTGAGGTGACCCATCTGGCTGCC
AGAGTGAACGAGCCAGCCTGGTGAGGAACAGAGACCTGCCTGCCAGGCCTATTCCAGAGCCTGACTCC
CAAGGTGATGGACCAGCCGGCCGAGGCCACCGAAAGCTGAGGGCATCGGCTGGTGAGGACGACAGCATG
GAGCTCAGCACCTGCCAGGAGCTTCTGCACCGACTTCGGGAGCTGGAGGCAGAGAACTCGGCGCTTGCGC
AGGCCAATGAGAACCAGCGGGAGACTTACGAACGCTGTCTGGATGAGGTTGCCAACACGTGGTACAGGC
TCTACTGAACCAGAAGGACTGCGGGAAGAGTGTATCAAACCTGAAGAAGAGGGTGTGTGACCTGGAGCGG
CAGAATCAGGTGTTGAGTGCCTACTGCAGCAGAACTACAGCTCAGGCCAACTCCCTCCCTCAGATCC
CACTCACACCACTCCAGCCGCCATCAGAACGACCAACCTCCCAAGCCCAATGTCTCTGAGGGACCAGC
CACCTCACTGCCTTCAGGACTCTGTGCTGGGCAAAGAGAGGTGTGTTGGGAGCAGCAGTTACGGCCAGGC
GGTCCAGGTCCCGGCTACTCCACCCCGGCGCTGGATGCCCTGTCCCAATTTCTCGGAAGAAAGCTC
AGATTTTAGAGGTGCTGCGAGCCTTGAAGAGACGGACCCCTTTGCTTTTGTGCTCACCTGCCACCCCTG
GAGACCCACAGGCCAAGGCCCTGGCTCCCAAGAGCCATCAATGGCGAGCCCTGTGGCCACCCGAGCCT
GAACCCTCACCTGGGCACCCCTACCTGTGCTCGGTCCTGGGAGCCTGGGGGCACTGCTGCACTGGGAGC
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GCCAGGGGCCCTTCCCTTCTCAGCATGTTTATGGGTGCAGGGGATGCCCGCTGGGGTCCCGGCTGG
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CCAGCCCAGGAGGTCCCAACTCAGTCCCAGCTTCCCGGAGCTCTCGAATCCCTTGTGCAACAGTGG
CTCAGATGGCAGCCCTCCCAATTGCTGGCTCGAAGGGGTCTGGGTGGAGGAGAGCTGTCCCAAGGGG
GCACAGGGCCTGCCCGGAGCCCTTGCCTGCTCCGCAATGCCAGACTCTGCGCAGCTCAGACCCCTCC



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AGTCGACTGTGTCCACTGCTCTGTCTCCAGGACCCGTAGTGTCTCCCTGCTTTGAAAACATCCTAGACCT
TTCCCGGAGCACCTTTAGGGGTTCTCCCCAGAACCCCTCCTTCCCGCTGCAGGTGCCACCTACCCA
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CATCGCCAGCTGGTTTGGCCTTAAAAAGAGCAAGCTGCCGGCTCTGAACCGCCGCACTGAGGCTACCAAA
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CACTGACCCCAAGAGCCCTGGCCTGCCTGTGGGCTCGGAATGGCCTGGTAGGCCACTCCAGCCAGTGC
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CCAGGCCCTCCCCACCTGTCCAGCTGGCCAAGAAGTGGACCTTCCCAACACCAGAACAGCTGGCAGCT
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AGACCGAAAACAGAGCGTGGATCCAGCCGCACATCTACACCTCAGGGCCAGCATTTGGAGGCAGTCGT
ACCCCCAGCACGTCCGACATGGGCGAGGAAGGCCGAGTGGCCAGCGGGGGCGCCCCGGGCTGGAGACCT
CAGAATCCCTAAGTGACTCCCTCTATGACTCGCTATCCTCCTGTGGGAGTCAGGGTTGAGGGACCCACC
CACTACAGTTCCTCTGGAGCTAGGGACCCCAACGACCTGCTTCCGCGCTCCACGCCCCACGCCTTTGGG
CCGGTGAAGCTTGACCTGAAGGGACCAAGGAGAAAAGAGGATAAGAAGGCATGGGGGTCCCTGGCGTAT
GCCACTGCTGTGGATGCGACAACCATGCTCAGCTCAGGGAGAGACCTCATCCCAGTCCCTTGACTC
CCCCAGAGTAAGGCTCTGCTCTACGGGACCGGGGGCTCCAGGCTGCTTTGTCCCAGTCCCACTTTCAGGC
GAGCCATCTTGGGTGCTAGGCTTCTGCCCCGACAGTGTGCCACCTTGCCCAACCTGGCTGCAACCC
TGCCCCAAAGCCCCATGGGGCTGATTTTGAAGCCCCAGGCTTATGGAGTTTGGGGTGAGGGGGACAA
GTCGCCTTCACTTGCCCTGGTCTCCCTGCTGTCTGAATGGTGTGCCTCCCTTCCCCACATCGTGGGG
TCTGTTTGTCTGTCTTCTTTGTTTTATATATATATATATAAGCGCCTGGCCAGTCCCCACC
CCTACCCGCACTGCGGTTAATTTATCTGTTGTTGAAAAGCAGCCCTGCTTCTGCAGCATCCCTAATAAAA
CGTGGAGGCTCTCCCCACCGTGAIAAAAAAAAAAAAAAAAAA
    
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Restriction Sites: Ascl-NotI
ACCN: NM_001001884
Insert Size: 3972 bp

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| 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: | <u>BC072572</u> , <u>AAH72572</u> |
| RefSeq Size: | 4871 bp |
| RefSeq ORF: | 3972 bp |
| Locus ID: | 380969 |
| UniProt ID: | <u>Q6GQX2</u> |
| Cytogenetics: | 15 F1 |
| Gene Summary: | Regulates microtubule organization and stabilization. Promotes microtubule growth and bundling formation and stabilizes microtubules by increasing intense acetylation of microtubules. Both tubulin-binding and homodimer formation are required for NCKAP5L-mediated microtubule bundle formation.[UniProtKB/Swiss-Prot Function] |