

## Product datasheet for **MC203213**

### **Necap2 (NM\_025383) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	Necap2 (NM_025383) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	Necap2
Synonyms:	1110005F07Rik; AA409105; C78898; NECAP-2
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



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**Fully Sequenced ORF:** >BC037069  
 CCACGCGTCCGCGGAAGTCCCGAGGGCTCGGGCGATAGAGATGGAGGAGAGTGAGTACGAGTCTGTTCTG  
 TGTGTCAAGCCGGAGGTCCACGTCTACCGCATCCCGCCGCGGGCCACCAACCGTGGTTACAGGGCCTCAG  
 AATGGCAACTGGACCAGCCATCGTGGAGTGGCCGGCTGCGGATCACTGCGAAAGGGAAGGTGGCCTACAT  
 CAAGCTGGAGGACAGGACCTCTGGGGAGCTCTTCGCGCAGGCCCCCGTGGACCAGTTTCCCGGCACCGCA  
 GTGGAGAGTGTGACAGACTCCAGCAGGTACTTCGTCATCCGAATTGAAGATGGAAACGGGGCAGCTGCTT  
 TTATTGGCTTGGCTTTGGAGACCGAGGGGACGCCTTTGACTTCAACGTGGCATTACAGGACCATTTCAA  
 GTGGGTGAAGCAGCAGTGTGAGTTTGCGAAACAAGCGCAGAACCAGATGAAGGCCCAAGTTGGACCTG  
 GGCTTCAAGGACGGCCAGACCATCAAGATCAACATCGCAAACATGAGGAAGAAGGAGGAGCAGCTGGTA  
 CCCCAGAGCCAGGCCACCAGCGCAGGAGGGCTGAGCCTGCTGCCCCCTCCTCCGGGGGCAAGAGTTC  
 CACTGTATCCCTCCCTCTGGAGAGCAGCTGTCTGTGGGGGCTCTCTGGTTACGCCAGCAGTTGTTTCT  
 GGTTCAGGAGGTGCCACAGAATCTGGCCACAATCTAAGCCTGCTGCCGCTGCCACTGCTGATATCTGGG  
 GAGACTTACCAAATCCACAGGGTCCCCCTCCAGCCAGTCTCAGCCAGGCACCGGCTGGTCCAGTTCTG  
 ACCTGCACAACCTTTTACTCAGCCGACTTCTGGGAAGGAGCTGCCTCGTCTGACCCACGGAAGGTGGCA  
 GTGCTCCCTGCCTGGTCCCTGGCCCTGGCCCTTGCCCTGGCTGGCTTGACAGCCTGAGCACAAGAAGCA  
 GTAAGTTGGCACCTTGCCACACTGTTGGTTGGGCCAGGTGCTGCTCAGCCAGGAAACGGGAGCAACAC  
 TCCAGGGCCTTTACAAGCCCATCGCCCTCCTCACTGGAGACACCAGACCTGCCTTCTCCACCAAGAGA  
 TCCTTATTAACACAGCCCCAAAGCACAGAATGGATTCAATTTGTGGCCTGGGTTACAGCTCTGCCTCTC  
 CAATTGGCAGGTGTCCCAGATTTGCTGTTGGACAGGGACCTTCTGCACCTCCATCCATAGTAGCCTTTGTC  
 TGGTACCTTCCAGAGGAATCCTTCCCGAGAGCTGGCAAGTCTTTGAGCTATAGCTTGAATGGGCTGTGCG  
 GGGACTTGAAGGGAGTAAGCAGCTTTTGAATGTTAATACATTACTCTGCTAATATGCTGACCTGC  
 ACTAATGCACCCCTGTGAGGGACCCCATGGCGAGGGCCTCTGCCTCTGACACACCTTCTCGCTGCC  
 TGAGCCCCGAGGCAGCCATGGGAGGCAGCTGCATACCTGGAAGCCAGCTGCACAGTGTGTGGGGAAA  
 CGGAAGCGTTACAGACCGGGCCAGGCTGGCTGGCTGCTGCCCTCTGGGCTCATAGCTGGCCACTTGA  
 CGGTCCCTGGTGGCTTCTGGAGGAAGCTGTACCTCTGGATACATTTTTCTTTTCTTCCAGAGACCGTGA  
 CAGAGGGAGCTCTGTCAGCGGAAGTTCAGGCCACCAGGAGTAGTGATTTGAAGAAATTAAGTCTCTCT  
 CAGTGAACCTCTAGTCTCTTTATAGACTTAACCTTCCCTTTCAGTTAAAGGGTTTCTTTTTCGGAGGGCC  
 TAGACTGTGCTGACCTTGTGTGACCAGAGATTTAAGATGAAAAACAATAAATGTGTTTACTTCTGCA AAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_025383

**Insert Size:** 801 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:** [BC037069](#), [AAH37069](#)

RefSeq Size: 1904 bp  
RefSeq ORF: 801 bp  
Locus ID: 66147  
UniProt ID: [Q9D1J1](#)  
Cytogenetics: 4 D3  
Gene Summary: Involved in endocytosis.[UniProtKB/Swiss-Prot Function]