

Product datasheet for **MC223177**

Ncapg (NM_019438) Mouse Untagged Clone

Product data:

Product Type: Expression Plasmids
Product Name: Ncapg (NM_019438) Mouse Untagged Clone
Tag: Tag Free
Symbol: Ncapg
Synonyms: 5730507H05Rik; Hcapg; MFT.M05.13
Vector: pCMV6-Entry (PS100001)
E. coli Selection: Kanamycin (25 ug/mL)
Cell Selection: Neomycin
Fully Sequenced ORF: >MC223177 representing NM_019438
Red=Cloning site **Blue**=ORF **Orange**=Stop codon

TTTTGTAATACGACTCACTATAGGGCGCCGGAATTCGTCGACTGGATCCGGTACCGAGGAGATCTGCC
GCC**GCGATCGCC**

ATGGCAGCGCAGAAGAAGCGGCTTCTGTGAAGGAGCGTTTCAGCTGGCGCAGCAGCCGCACCAGAACC
AGGCGAAGCTGGTGGTGGCGCTGAGCCGCACGTACGGCGCGATGGATGATAAAACAGCTTTTCAGGAGGA
GTTTATTCATTACCTTAAGTATGCTATGGTGGTATATAAGCGTGAACCTGCCGTGGAGAGGGTCATGGAC
TTCACAGCCAAGTTTGTTACTTCATTTCCACAGTCTGATGAGGAAGAAGAGGAGGAAGAGAACGATGGTG
GCATTTTAAATTTTGTACTTTTCTTACAGTCTCATGAAGCAAACAGCAGTGCAGTCAGATTTAG
AGTGTGCCAGCTCACTAATAAATACTTGGGAATATGCCAGAAAATGCCCAAATTTGATGATGACTTATTT
GATAAGATTAATGAAGCCATGCTAATTAGATTGAAAGATAAGATTCCAAATGTAAGAATACAAGCAGTTT
TGGCTCTTTCGACTCCAAGATCCAAGGACGATGATTGCCAGTAGTTGATGCATATGTTAATGTGAT
TGAAAAATGATTCAAATCCAGAAGTTAGACGTGCAGTGTATCTTGTATTGCACCATCAGCAAAGACTTTG
TCAAAAATGTAGGACGTACAAAGGATATAAAGGATACTGTCAGAAAGCTGGCTTATCAGGTGTTAGCTG
AAAAAGTTCATATGAGAGCTATGTCTATTGCTCAGAGAGTGTCTGCTTCAACAAGGCTTAATGACAG
ATCAGATGCTGTGAAACAAGCAGTGCAGAAGCATCTTCTCCAAGGCTGGTTGCGTTTCACTGAAGGGAAT
ATTCTAGAGTTTCTTCATCGGTTGGATGTGAAAAATCTTCTGATGTAGCAGTCTCCGTTCTCCATTCT
TATTCTCAATGACTCCTCTCAGTGCAGTGGTGGGAATTTGTAATAATGATGATGGCAGGAAGTTGATTCC
AGTGGAACATTAACCTCTGAAATTTGCTCTGACTGGTGCACCCTTTGTGAATATTTGAGATCAAAGGGA
GATGAAGTGAAGAGTTTTTAGAGCAGATTTTCCAGAGCCTGCAGTATATGCTGAGTACTTACTGAGTT
ACATTCAGGGCTCCCAGTAGTTAATGAAGAGCAGAAAGGTGATTTACCTTCATTGGAGATTTGATGAA
AAGAGAATTCATAGGTCAGCAATTAATTCTAATTATGAAATCTTGGACACTAGTGAAGAAGGAGGAAGG
AAACGACTGCTGGCTATTTTGAAGAGACTCTTATTCTGCCTACAACCCCAATATCCTTAGTTTCTTTAA
TTGTTGAGAGACTCCTCCACATCATCAGAGATGATAATGAAAGGATACAGATTGTACAGAAATATCTC
AGAGATTCGTGCACCCATTGTTAATGTTGTTGTTGATCCATCTGATACAAGAAAGAAAGAACTCAAGATG
GCTGAAATAAAAGTTAACTTATTGAGGCTAAAGAAGCTTTGAAAAATTCATTGCTGTACAAGATTTTG



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ATCAGGCATCAAATTAAGAAGAAATAAAAATATTGGAAGATGCCAAAATAAACCTGCTAAAAGAGAC
 TGAGCAACTTGAAATTAAGAAGTCCACACAGAAAAGAACGATGCGGAAACATTACAGAAGTGTCTTGT
 TTGTGTTACGAATTGTTGAAACAGATGTCCACTCAACTGGAACTACTGCAACCATGAATGGGATCATTG
 AATCTTTGATTCTTCTGGAATAATAAGTGTTCATCCTATAGTAAGAACTTGGCTGTTTTGTGTTGGG
 ATGCTGTGGACTACAGAATCGGGATTTTCCAGTAAACACTTTATGCTGTTCTTACAGGTTTTGCAAATC
 GATGATGCACAATAAAAAAAGTGTCTAAAGGCAATCATTGACCAATTGATGATGTTTGAATTGAGC
 CATTTAAAACCCAGAAAGTTAAGGGCGTTCAATGTGAAGGTGAAGAAATAAACTGTCATGATAAGCAAG
 AGAAAATGATGCTGGAGAGACTGACCCAGCTAAGAGTGTCTGAAACTCCTCTCCGACTTCTTAGACAGC
 GAGGTATCTGAACTCAGGACAGGAGCTGCAGAAGGACTAGCCAAGCTGATGTTTTCTGGGCTTTTGGTCA
 GCAGCAGGATTCTTCTCGTCTTATTTTGTATGGTATAATCCTGTGACTGAAGAGGATGTTTCGACTTCG
 ACATTGCCTAGGAGTGTTCCTCCATGTTTGGCTTATGCAAACAGGACTAATCAGGAGTGTTCGAAAG
 GCCTTTATTCCAAGTGTGCAAACACTGGCCAATGCCCCAGTGTCTCCTTTAGCTGAAGTAGATGTCA
 CAAATGTTGTTGAATTGCTTGTGATCTGACAAGACCAAGTAGATTAATCCTAAGGCAAAGAATTCTCA
 GGATTATCAGGCCTAACAGTACATGACAACCTGGCTATAAAAAATTTGCAATGAGATCTTAAACAGTCCA
 TGCTCACCAGAAAATCGGGTTTATACAAAAGCTTTGAGTTTGGTGAAGTCAAGTCAATGTTACAAAAG
 ATCTCCTGCTTCTATTGGATGAGATTCTGGAGCATGTAACAGATAGGACGTGTCTGAGAGCCTTGGAGAA
 GATTAAGAGTCAGTTAGGAAAGGGAGGTAAGAATCTGACCCAGGTGTAGTAACACAGGATGTCAACACA
 ACCACAGCAGTCTTCAAATGAAAACGAATATGACTCCTGTGAGGGATGGAAAAGGAACTCAAACAT
 CAAAATCTACACAAGGAAAATCTAAAAGAGGATGTAGAAAAGCGCCAGTTTCATCTAAGACCAACAGGAG
 ACGCCAGATTGCTGGGCCAGACTCTGAAAGTGTATGAAACCACCATCAGAAATGAAGATGAGATTACCC
 AGACGAGCCAAAACAGCTGCGCTACAGAAAAGTAACTTAACCTTGCAGAGTTCCTTAATGAAGATACAA
 GTTAA

ACGCGTACGCGGCCGCTCGAGCAGAACTCATCTCAGAAGAGGATCTGGCAGCAAATGATATCCTGGATT
 ACAAGGATGACGACGATAAGGTTTAA

- Restriction Sites:** SgfI-MluI
- ACCN:** NM_019438
- Insert Size:** 3015 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:** [NM_019438.1](#), [NP_062311.1](#)
- RefSeq Size:** 3698 bp
- RefSeq ORF:** 3015 bp

Locus ID: 54392

Cytogenetics: 5 B3