

## Product datasheet for **MC203297**

### **BC004004 (NM\_030561) Mouse Untagged Clone**

#### **Product data:**

Product Type:	Expression Plasmids
Product Name:	BC004004 (NM_030561) Mouse Untagged Clone
Tag:	Tag Free
Symbol:	BC004004
Synonyms:	2400006G15Rik
Mammalian Cell Selection:	Neomycin
Vector:	PCMV6-Kan/Neo (PCMV6KN)
E. coli Selection:	Kanamycin (25 ug/mL)



[View online »](#)

**Fully Sequenced ORF:** >BC058575  
 GCCCGAGAGGGCGCGGGCCCGCATGGTTAAACCACTGTTAAGGGATCAAGCTCAGCCTTCTGAACCTCCC  
 TCCGAGGCAAGCTCCCTTCTGCCAGGCTGGACCCTCACTCTGGAGGGACTTCATTTTGAAGGCATGGAT  
 CTTGCTGCTAATGAGATCAGCATCTATGACAACTTTTCAGAGACTGTTGATTTGGTGAGACAGACAGGCC  
 ATCAGTGTGGAATGTCCGAGAAGGCAATCGAAAAATTTATCAGACAGCTACTGAAAAGAATGAACCTCA  
 AAGGGGACCACCCAGTACCCTCTCCTTATAGCCGTGTATAAGGTCTCCTAACTCTGGGATTAATCTTG  
 TTCCTGCTACTTTGTAATTCAGCCTTTTAGCTCATTAGCACCCGAGCCAGTGTCTTCTGGAGCGAACA  
 GCTGGCGCTCACTCGTTCATCACATTTCGGCTGGTCTCCTTGCCCATACCAAGAAGTATATGCCAGAGAA  
 TAAGGGCGTTCCTCTGCAAGGGAGCCAGGAGGACAAACCTTCCAGACTTTGACCCCTGGTCATATAT  
 AATTGTGAGCAGAACGAGTCAGAGCCCATCCCTGCCAACTGCACTGGCTGTGCCAGATATTACCCCTCA  
 AGGTAACGCTGCCAGAAGACTCCAAAGAATTTGAGAGACTCCGGCCTCTGGTGATCAAGACAGGACA  
 GTCTCTGCTGCTGCAGAGATTCAGAGCTTCTCATGCCAGTACCCTGAAGTCACAGAGGGCTTCACTGAG  
 GGCTTTTTACCAAGTGGTGGCGCTGCTTCTGAGAGGTGGTCCCATTTCCTTACCCATGGAGAAGAC  
 CTCTAAACAGATCACAGATTTTACGGAACTTTCCCTGTTTTTACCCAACCTCCATTTCCAAAAGACTC  
 CTCCTTAAACAAATGTTTCTGTATCCAGCCGAACTGTGGTGGGTAGCAAGATGCATAAGTGCATGAC  
 CTGTTACCCCTCGCAGCGGGGAAGCCATGTTGCAGCTCATCCCTCCCTTCCAGTGCCGAACACACTGTC  
 AGTCCGTGGCCATGCCGATAGAGTCTGGAGATATTGGCTATGCCGATGCTGCCCACTGGAAGGTCTACAT  
 TGTAGCCAGAGGGGTCCAGCCTTTGGTCTCTGTGATGGAACCACTCTCTCGGATCTGTAGGAAACAACT  
 GCTTGGAGACCTGAAACTCAGGCTGAAAAGAGTGCAGGAGCGGGGAATAAAAACACTGAAACACTTTGCA  
 TGGGTTGGTTGCTTAGTTACCTGCCCTGGATGTTTTGGCTGTCAGCTGTATGCTGGAGACAGTGGCTTGG  
 GCCTAGCCATCTGTCTGTCTGTAGCTTCTCAGGAAAGATGGAAGCCTGGCTGCTGGCCAAAGACTTCTC  
 TCATTTCTCCTCCCCAGGCTTTGGACTCCCAGGATTTGGAATAGGCTGTGGCTCTTTGACGTGTGTGG  
 ACATGGCTCCTCTACTGTCTTCTTGGCCGTGGAGGGCAGCAGTGGTCCGATTCTGTTTGTCCACTCTT  
 CCTTGCCCATCACGCTGTACTTGGTGGCAAAGCCATAGCTGACTTTGATCACTACAGTTTGACAAGGAA  
 AGTGAATTTGAAACCTGGGGGGCTTGGGGGTGGGGAGGACAGATTGGATAGCTGGAATTGCATGTTTA  
 AAGGTGCCTGCACCTGTGTCTGCTGCACACCTTTAGTCCAGCACTTGGGAGGCAGGTGCATATCTTTT  
 GAGTTCTAGGCTAAGCTGGTCTCCATAGTGAAGTTCCTGGTCTCCAAGTGTACATAATGAGACCCTGTCT  
 CAACACTGTTCCACCCTCCCCGCGCCCCCAGATCTAGGGATGTAGCTCAGTGGTAGAGTGTCTTCCC  
 AGACACGTTTGGCCAGAGTGCAGCCCTCAGCATCATGAAGAGGAGGACAGTGTACATCTTACATAATG  
 TCCATGGCGCCTGGAGTTTCTGTAAGGGGTGCTGGAGACTGGGTACAATTCAAGTCTTACTAAATCCTG  
 GTTTCCTCCCACACTGCCATCAGATTGTTTTCTCAGAAGTTCGGCCTCCCCAGCTGGCCAGCACCTCT  
 CTGCTAAGGCAGCAGAGCCTTTGTCAACTGCTGCTGTACCCACCCCTTCAAGAAGGAATGAGTTAGAAT  
 AGCGGGCCTGAGGGAGACAGGGCACCTCCCTGAGTTTGATCTTTAGGCCTGACTTTCTACAGAGATGTCA  
 GCAGCCTCAGAGCTGATGTAATGTGGTTCGAGGGAGGAGCTGCAGAGCCAGAGAGCCGGAGCGTTTGTCTG  
 AGGGTCTGCGGCTCACTTCAGGGCCCTCTGCCCTACCTTTTCTGTACCAGGGCAAGGTGAGATATTGGTT  
 TAGTTGAGATGCAGGAGTATCCTAAATAATATTCTGTGCTTACTGCACCCCAAGTGTCTTTGGGGTGT  
 CTTATCAAACAGTGCAAAAAGGATGGTCTGCCCTCTTGTCTTTTTTGGGGTCTGTCTGTAGCTCTG  
 ACTAGCCTCGAACTCATGTAGACCAGACTGGCCTCAAACCTCACAGAGATCGCTGTGCCCAAGTGCTG  
 AAAATTAAGGAGTATACCATTAATAAAAAAAAAAAAAA

**Restriction Sites:** RsrII-NotI

**ACCN:** NM\_030561

**Insert Size:** 1047 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:** [BC058575](#), [AAH58575](#)

**RefSeq Size:** 2627 bp

**RefSeq ORF:** 1047 bp

**Locus ID:** 80748

**UniProt ID:** [Q99KU6](#)

**Cytogenetics:** 17 A3.3

**Gene Summary:** Exhibits histone deacetylase (HDAC) enhancer properties. May play a role in cell cycle progression and wound repair of bronchial epithelial cells.[UniProtKB/Swiss-Prot Function]